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OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

THE REPORT OF THE OPERATIONS OF THE BUREAU OF ANIMAL
INDUSTRY FOR THE FISCAL YEAR ENDING JUNE 30, 1897.

JANUARY 17, 1898.—Referred to the Committee on Agriculture and ordered to be
printed.

UNITED STATES DEPARTMENT OF AGRICULTURE,

OFFICE OF THE SECRETARY,

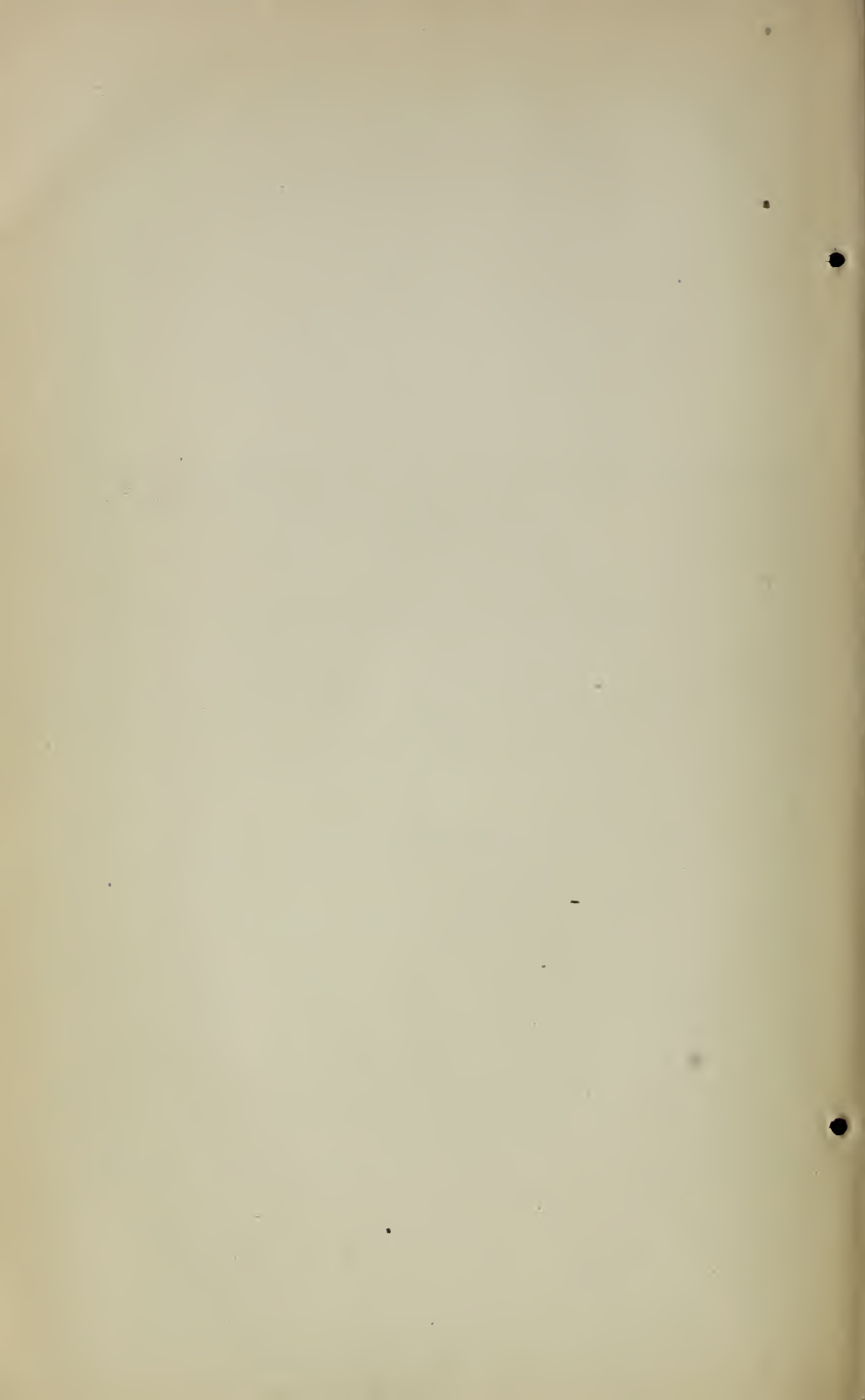
Washington, D. C., January 15, 1898.

SIR: I have the honor to transmit herewith the report of the operations of the Bureau of Animal Industry for the fiscal year ending June 30, 1897, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Very respectfully,

JAMES WILSON, *Secretary.*

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.



OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDING JUNE 30, 1897.

WORK OF THE INSPECTION DIVISION.

MEAT INSPECTION.

It has still been impossible to inspect all the animals slaughtered in the United States for human food, the meat of which is to be shipped in the channels of interstate or foreign commerce. The force engaged in this inspection has been enlarged from time to time and the number of animals inspected has increased each year. During the past year all of the beef exported to Europe and the greater part of the pork and other meat products exported have been inspected in accordance with the law. There has, however, been a large amount of meat slaughtered for interstate trade which it has been impossible to inspect with the appropriation at the disposal of this Bureau. This is a very important matter, and every effort should be made to secure the inspection of all the animals which the law contemplated should be inspected, as otherwise there is a tendency to have doubtful or suspicious animals slaughtered at abattoirs where inspection has not yet been established.

The progress during the year has been satisfactory, and if the appropriation is increased so as to allow a continued development of the inspection service at the same rate it will not be many years before the intent of the law is entirely accomplished. The meat-inspection force is now a very competent and efficient one. The inspectors and assistant inspectors are veterinarians, many of whom have passed a rigid examination under the Civil Service Commission, and the greater part of the nonprofessional members of the force have had such long experience that their services are extremely valuable. The persons obtained by certification from the eligible list of the Civil Service Commission have, as a rule, been more competent and efficient than those obtained before the force was brought within the classified service, and it has been possible to maintain much better discipline than was the case when a considerable proportion of the force believed that they had influence which made them more or less independent of the head of the Department and the Chief of the Bureau.

The work of meat inspection was in operation at 128 abattoirs and packing houses, located in 33 cities.

Following is a table showing the number of ante-mortem inspections made in the stock yards and at abattoirs, with the number condemned on this inspection at the abattoirs and the number rejected in the stock yards. The animals rejected in the stock yards are tagged and held subject to future disposition—either slaughtered, shipped to the

country for stocking purposes, or released when in proper condition for food.

Ante-mortem inspection.

Animals.	For official abattoirs in cities where the inspection was made.	For abattoirs in other cities and miscellaneous buyers.	Total inspections.	Condemned at abattoirs.	Rejected in stock yards
Cattle.....	4,289,058	3,960,967	8,250,025	195	24,951
Sheep.....	5,179,643	2,864,712	8,044,355	757	10,503
Calves.....	259,930	189,053	448,983	56	2,597
Hogs.....	16,813,181	8,753,563	25,566,744	12,858	40,287
Total.....	26,541,812	15,768,295	42,310,107	13,866	78,338

Below is a statement showing the number of post-mortem inspections made at the abattoirs where inspection was maintained, and the number made on animals rejected in the stock yards and slaughtered at various places, with the number of carcasses and parts condemned as unfit for human consumption. The rigid character of the ante-mortem inspections in the stock yards is evidenced by the fact that on the post-mortem examination of rejected animals the greater part is passed as fit for food.

Post-mortem inspection.

Animals.	Number of inspections.			Carcasses condemned.			Parts of carcasses condemned at abattoirs.
	At abattoirs.	On animals rejected in stock yards.	Total.	At abattoirs.	Stock-yard inspections.	Total.	
Cattle.....	4,242,216	11,634	4,253,850	6,618	3,725	10,343	10,290
Sheep.....	5,209,161	4,733	5,213,894	3,086	1,652	4,738	1,213
Calves.....	273,124	787	273,911	238	311	549	42
Hogs.....	16,808,771	30,263	16,839,034	a 41,562	12,929	54,491	b 37,750
Total.....	26,533,272	47,417	26,580,689	51,504	18,617	70,121	49,295

a Includes 3,243 condemned on microscopic examination.

b Includes 10,082 condemned on microscopic examination.

In addition to the above there were killed by city inspectors 641 cattle, 1,527 sheep, 40 calves, and 2,081 hogs that had been rejected in the stock yards by officers of the Bureau of Animal Industry.

The meat-inspection tag or other mark of identification was affixed to 14,510,662 quarters and 863,248 pieces of beef, 5,161,927 carcasses of sheep, 231,879 carcasses of calves, 524,556 carcasses of hogs, and 314,947 sacks and pieces of pork.

The meat-inspection stamp was placed on 4,692,069 packages of beef products, 3,711 of mutton, and 7,463,259 of hog products, including 120,322 containing microscopically examined pork.

The number of certificates of inspection for exported products issued was 21,825 for meat products which had undergone the ordinary inspection and 7,560 for pork microscopically examined, in addition to the regular inspection. These certificates covered the shipment of 1,128,717 quarters and 20,259 pieces of fresh beef, 1,249 carcasses of sheep, 3,721 carcasses of hogs, 519,017 packages of beef, 3,711 packages of mutton, and 411,948 packages of pork, of which 119,549 contained pork which had been microscopically examined.

There were sealed 12,664 cars containing inspected meat for shipment to packing houses and other places.

The cost of this work was \$385,796.36, which, while including all the expenses incident to the work, makes an average of 0.91 cent for each ante-mortem inspection.

For the purpose of comparison the following table is given:

Number of animals inspected before slaughter for abattoirs having inspection.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Total.
1891.....	83,891	---	---	---	83,891
1892.....	3,167,009	59,089	583,361	---	3,809,459
1893.....	3,922,174	92,947	870,512	---	4,885,633
1894.....	3,862,111	96,331	1,020,764	7,964,850	12,944,056
1895.....	3,752,111	109,941	1,344,031	13,576,917	18,783,000
1896.....	4,050,011	213,575	4,710,190	14,301,963	23,275,739
1897.....	4,239,058	259,930	5,179,643	16,813,181	26,541,812

MICROSCOPIC INSPECTION OF PORK.

In the microscopic examination for trichinæ 1,881,309 specimens were examined—550,291 from carcasses and 1,331,018 from pieces. The number of samples found infected was 13,325, of which 3,243 were from carcasses and 10,082 from pieces of pork.

The number of pounds exported was 43,572,355, of which only 1,001,783 pounds went to countries not requiring a certificate of microscopic inspection.

The cost of this inspection was \$111,669.30, an average per specimen examined of 5.94 cents, or an average of 0.256 cent for each pound of microscopically examined meat exported.

The following table shows the exports of microscopically inspected pork, 1892–1897:

Fiscal year.	To countries requiring inspection.	To countries not requiring inspection.	Total.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1892.....	22,025,698	16,127,176	38,152,874
1893.....	8,059,758	12,617,652	20,677,410
1894.....	18,845,119	16,592,818	35,437,937
1895.....	39,355,230	5,739,368	45,094,598
1896.....	21,497,321	1,403,556	22,900,880
1897.....	42,570,572	1,001,783	43,572,355

INSPECTION OF VESSELS AND EXPORT ANIMALS.

The number of inspections of domestic cattle for export was 845,116; number tagged, 410,379; number rejected, 1,565; number of inspections of domestic sheep, 348,108; number rejected, 189. The number of Canadian cattle inspected was 13,136; number rejected, 12; Canadian sheep inspected, 23,289; rejected, 72.

The number of domestic animals exported under the supervision of inspectors consisted of 390,554 cattle (5,501 shipped from Chicago by way of Montreal), 184,596 sheep (2,231 from Chicago via Montreal), 22,623 horses, and 100 mules. Canadian animals were exported from United States ports as follows: 13,124 cattle, 23,217 sheep, and 6,185 horses.

The number of certificates issued for cattle was 1,563; the number of clearances of vessels was 954.

Following is a statement showing the number of cattle and sheep inspected at time of landing by the inspectors of the Bureau stationed in Great Britain, and the number and percentage lost in transit:

From—	Cattle.			Sheep.		
	Number landed.	Number lost.	Per cent.	Number landed.	Number lost.	Per cent.
United States.....	367,277	2,124	0.57	166,936	2,184	1.29
Canada.....	10,409	199	1.88	22,247	492	2.17
Total.....	377,686	2,323	0.61	189,183	2,676	1.39

The percentage of loss in export animals during the year has been moderately low, although not as low as in some previous years. In 1894 the percentage of loss of cattle was 0.37; in 1895 it was 0.62, and in 1896, 0.32. The loss of sheep in 1894 was 1.29; in 1895, 2.7; in 1896, 1.16. We can never expect a uniformly low rate, on account of the great variation in conditions of the weather.

The cost of inspection of export animals, the Texas fever work, and the inspection of animals imported from Mexico was \$102,555.16. If it may be assumed that half of this amount is properly chargeable to the export work, the cost of inspecting the 575,150 domestic cattle and sheep exported would be \$51,277.58, or 8.9 cents per head. The number of inspections made on these animals in this country was 1,193,224, and in Great Britain 534,213, making a total of 1,727,437, the average cost of each inspection being 2.97 cents.

Following is a statement showing the inspection of domestic cattle and sheep for export and the number exported for 1897 and previous years:

Fiscal year.	Cattle.				Sheep.		
	Number of inspections.	Number rejected.	Number tagged.	Number exported.	Number of inspections.	Number rejected.	Number exported.
1897.....	845,116	1,565	410,379	390,554	348,108	189	184,596
1896.....	815,882	1,303	377,633	365,345	733,657	893	422,603
1895.....	657,756	1,060	324,359	324,299	701,044	179	350,808
1894.....	725,243	184	360,580	363,535	135,780	-----	85,809
1893.....	611,542	292	280,570	289,240	-----	-----	-----

SOUTHERN CATTLE INSPECTION.

During the quarantine season of 1896 there were received and yarded in the quarantine divisions of the various stock yards 42,869 cars, containing 1,154,235 cattle; 43,529 cars were cleaned and disinfected.

The supervision and control of the movement of cattle from the district infected with Southern, or splenic, fever involves the placarding of cars and stamping of waybills, the proper yarding of Southern cattle in order that they may not come in contact with susceptible animals, and, when reloaded at one station, the notification of the inspector at the point of destination or at intermediate stations.

In the noninfected area in Texas 220,543 cattle were inspected and permitted to be moved to other States by trail and railroad for grazing.

INSPECTION OF IMPORTED ANIMALS.

The number of animals imported from Mexico and inspected at the ports of entry along the boundary line was as follows: 292,479 cattle, 43,393 sheep, 12 hogs, and 171 goats.

The number imported from Canada and inspected at northern boundary ports and not subject to quarantine consisted of 42,953 cattle, 331,137 sheep, 212 swine, 2,635 horses, 9 mules, and 1 goat.

Below is a statement of the animals imported and quarantined for the prescribed period at the different quarantine stations:

Station.	Cattle.	Sheep.	Swine.
Littleton, Mass.	1	102	13
Garfield, N. J.	36	115	42
St. Denis, Md.		2	
Vanceboro, Me.	1		
Houlton, Me.	2	10	
Newport, Vt.	1		
Richford, Vt.	3		
Rouse Point, N. Y.	4		
Ogdensburg, N. Y.	144		
Buffalo, N. Y.	165		
Port Huron, Mich.	5		
Total.	362	229	55

There were also 14 goats and 18 camels at the Garfield station, making a total of 678 animals quarantined.

An experiment is now in progress in Page County, Iowa, to determine to what extent and at what cost hog cholera can be prevented or controlled by sanitary regulations. The legislature at its last session passed a special act giving authority to destroy animals and to enforce necessary quarantine regulations. The funds available for this experiment are not sufficient, but it is hoped that the work may be sufficiently thorough in a part of the county to indicate what may be accomplished by the enforcement of such regulations. Experiments are also being made to learn what can be accomplished by killing only the plainly diseased animals and treating those exposed with hog-cholera antitoxin. It is yet too early to form an idea of the results that will be obtained through these experiments, further than to state that the antitoxin evidently has a beneficial effect. The laboratory and experiment station are now engaged upon investigations looking to the production of an antitoxin of greater protective power and at less expense than has been possible heretofore.

WORK OF THE PATHOLOGICAL DIVISION.

DESTRUCTION OF CATTLE TICKS.

Probably the most important work which this division has had in charge has been the experimental study of the effect of different substances in destroying the ticks which spread the infection of Texas fever. For a long time it appeared as though no mixture could be obtained which would kill these parasites without severely injuring the cattle which were treated. Recently it has been found that a petroleum product known as paraffin oil will destroy the ticks without greatly irritating the skin of the animals to which it is applied. It is thought that by dipping the cattle twice in this oil, with an interval of a few days, all the ticks will be destroyed, and the animals,

even from the infected district, may thereafter be shipped with safety to any part of the country. If this hope is fulfilled, the dipping of cattle from the infected district must soon become general, and will save millions of dollars to the Southern States. At present such cattle must be kept separate and in quarantine pens, and sold as quarantined animals, at a less price than they would bring in case they were free from restrictions. The general dipping of infected cattle would also prevent the infection of cars and stock yards and enable this Bureau to prevent the dissemination of Texas fever with less hardship to the owners of cattle and with greater safety to the stock interests.

BLACK LEG.

An effort is also being made to prevent the losses from the disease known as black leg, or symptomatic anthrax, by distributing to the owners of herds where such losses occur a vaccine that will produce immunity. The ravages of this disease in some of our States have become very discouraging to the owners of cattle, particularly those who have endeavored to grade up their herds and breed the best beef-producing varieties. Many owners of large herds have reported annual losses ranging from 8 to 14 per cent. This disease appears to be quite easily prevented by vaccination. Heretofore, however, the methods used in this country have required two vaccinations, with an interval of ten days or more, and the trouble and expense of a double vaccination, added to the cost of the vaccine, has deterred many stock owners from adopting this method of prevention. The Pathological Division has experimented with a vaccine prepared by a special method, and which produces sufficient immunity to resist the disease with one vaccination. This division has prepared a large quantity of this vaccine, and has distributed it for experimental purposes. By securing this material free of charge and obtaining immunity with a single operation, the method has been so simplified and cheapened that cattle owners who have suffered from the disease in the past are very anxious to adopt it.

RABIES.

Many investigations of reported outbreaks of disease have been made, and a considerable number of tests made of animals supposed to be affected with rabies. A great variety of opinions have been expressed concerning the existence of rabies and the extent to which it prevails in this country. There are few institutions which are prepared to make a scientific test of animals supposed to be affected with this disease, and consequently the work of the Pathological Division in this direction is of great importance. A considerable number of undoubted cases of the disease have been discovered in this way, and it has been found that some mysterious outbreaks of disease among cattle were really attributable to this cause.

WORK OF THE BIO-CHEMIC DIVISION.

This division has manufactured and distributed to State authorities during the past year sufficient tuberculin to test 57,000 cattle for tuberculosis, and sufficient mallein to test 1,400 horses for glanders.

This division has also succeeded in manufacturing an ink which is of great assistance in branding carcasses and pieces of inspected meats. Such branding answers the purpose of identification in many

cases as well as seals and tags, and where used results in a great saving of money, since it can be applied much more rapidly and costs for material very much less. About 70 gallons of this ink have been prepared and shipped to the various meat-inspection stations during the year.

This division has also experimented in the preparation of serums for the treatment of tuberculosis, hog cholera, and swine plague, but the results up to this time are not such as to enable the Bureau to introduce such methods in its practical work.

An experiment has been made by cooperation between the Bio-chemic Division, the Pathological Division, and the Chemical Division of the Department for determining the alleged poisonous properties existing in cotton-seed meal. American and Egyptian meals have been fed in very large quantities, but without producing any disease or any evidence of poisoning. The animals in the experiment thrived and gained rapidly upon the feed, even when the ration was increased to extraordinary quantities of the meal. Other investigations of a chemical nature have been in progress, which will be reported in detail elsewhere.

WORK OF THE ZOOLOGICAL LABORATORY.

During the fiscal year 1896-97 the Zoological Laboratory has continued its work in studying animal parasites. Considerable time has been consumed making specific determinations of specimens which are referred from the Inspection Division or from sanitary officials, physicians, or zoologists in various parts of the country. Aside from these determinations, the laboratory has been occupied with statistical hygienic work and original technical investigations.

With a view to determining the value of the German microscopic examination of pork for trichinæ, the various outbreaks of trichinosis in that country from 1881 to 1895 have been collated. As might be expected on theoretical grounds, a number of cases of this disease have occurred from German pork which the German officials have inspected and declared free from trichinæ. The number of such cases, however, is greater than one would expect from the German regulations, and shows conclusively that the German system of inspection is far below the degree of thoroughness usually ascribed to it.

Over 40 per cent of all the cases of trichinosis thus far collected for Germany for the fifteen years referred to has been caused by pork which the German inspectors have examined and declared to be free from trichinæ, while about 14 per cent of all the cases in Germany during the same years was due to pork which in some way escaped the sanitary officials. In some cases the inspector would fail to examine the meat; in others it was examined and condemned, but afterwards stolen and placed on the market. It is a remarkable fact that with all these cases of trichinosis which are laid at the door of the German inspection and the German pork there was not a single case of the disease in Germany during the fifteen years referred to which the German sanitary authorities have been able to show was due to American pork.

As another line of sanitary study the zoological laboratory has prepared for the use of the Bureau inspectors a bulletin on certain animal parasites found in meats, with special reference to their direct or indirect transmissibility to man. Most important among these is the *Echinococcus hydatid*, which appears to be more common in this

country than formerly supposed. As this is the cause of a very fatal disease in man, it behooves sanitary officials to take early and proper precautions to prevent its further spread.

Various laboratory and field experiments upon scab have been begun and are still in progress.

For about two months the entire attention of this laboratory was occupied with a study of the parasites of the fur seal, undertaken at the request of the United States Treasury Department. An extensive report on the subject has been submitted to the United States Seal Commission for publication.

Owing to the unsatisfactory state of knowledge concerning most of the American parasites, it is necessary for this laboratory to undertake considerable study of a very specialized and technical nature. One bulletin, half of which was composed of technical details, on the parasites of poultry has been issued, and a technical bulletin on certain parasites of hares and rabbits and their relation to the parasites of cattle, sheep, and horses, prepared by this laboratory, has been published by the National Museum.

Finally, the laboratory has made an extensive study of all the various codes of zoological nomenclature in preparation for the meeting of the International Commission on Zoological Nomenclature, at which this Department was represented. This movement, inaugurated by the last International Zoological Congress, has resulted in final mutual concessions on the part of scientific men of different countries, and the few remaining points of disagreement in this subject have been done away with, and we now have a completely uniform set of technical names in all countries.

WORK OF THE DAIRY DIVISION.

The general survey of the condition of the dairy industry in different parts of the country, which was begun immediately after the organization of the division in July, 1895, has been continued through the medium of the regular force, aided by a few special agents. This inquiry has been made by single States and groups of States, and has resulted in several reports, some of which have been printed and others are in hand awaiting revision and publication.

A special inquiry has been in progress in like manner as to the milk supply and service of representative cities and large towns in the United States, and the field work, so to speak, has been completed at some points.

The collection of dairy data in general continues with a view to its proper arrangement and future use in the form of circulars of information, popular bulletins, and the like.

The calls for specific information by letter have greatly increased, as well as the routine work of the office and the volume of correspondence in general. This service, together with preparing several publications, has so occupied the office force as to greatly retard the important work of collating and indexing for permanent use and reference the mass of data which is constantly accumulating.

During the year there have been published eight bulletins and three circulars prepared in the division, besides contributions to the Yearbook of the Department and to the Annual Report of the Bureau of Animal Industry, in all comprising 287 printed pages.

Work is well advanced upon a compilation showing the movement of dairy products in the United States from producer to consumer,

the condition of and important changes in the principal domestic markets, and the dairy export interest of the country, all to be offered for publication as a bulletin under the title of Commerce of the Dairy, as a suitable supplement to Statistics of the Dairy, already published.

The chief and assistant chief of the division have visited during the year centers of dairy interest in 23 States, and collected information for future use. Incidentally, the same officers have attended general meetings of 13 States and similar organizations of dairymen, and have been enabled thereby to meet hundreds of the representative men connected with this industry in various parts of the country and to establish relations which will be of material future benefit to the general work.

Soon after the establishment of the division attention was directed toward the condition of the foreign trade of the United States in dairy products. It was noticed that the cheese trade in general was depressed and demoralized, mainly as a consequence of the heavy decline in exports during recent years, the causes for which were discussed in the Yearbook for 1895. Also, that a surplus of good butter was beginning to show itself for the first time in this country, rendering an enlarged market and new outlets of importance. It became known that Canada had secured nearly all the trade for cheese in Great Britain which the United States had lost, and this had been done through the direct instrumentality of the Canadian Government in encouraging, aiding, and instructing cheese factories and improving means of transportation. Canada was found, in addition, to be entering upon a similar course of developing and patronizing the creamery system of butter making and establishing a foreign trade with this product.

It was therefore evident that active measures should be taken to reestablish and extend foreign markets for the surplus butter and cheese produced in the United States, and early in the year a definite recommendation was made from this office for preliminary work in this direction.

Arrangements were begun in March for making experimental exports to foreign markets of carefully selected butter from creameries in the large butter-producing sections of the United States. These shipments, commenced in May, have been made every three weeks, and it is proposed to continue them until near the close of the calendar year. The trial exports made thus far have been from the port of New York to the London market via Southampton.

Without anticipating the results of the season's trials or the report to be made thereon, it can be already asserted that English merchants of reputation and influence have been better convinced than ever before of the high quality of butter obtainable in different parts of this country and the practicability of placing it in British markets from ten to fourteen days after churning and without appreciable deterioration. The terminal facilities and the accommodations for refrigerated storage during ocean transit are not yet what is desired in kind or capacity, but it is evident that if the commercial demands increase and remain sufficiently constant, the transportation facilities will become adequate and satisfactory.

These trial exports serve the double purpose of obtaining useful information for our own people as producers and sellers, and of diffusing desirable information among prospective customers. A very widespread interest in this matter has been developed in this country, as shown by the comments of the public press and the voluminous

correspondence already resulting. The probable benefit in extending the foreign market for American butter seems to make it desirable to repeat the trials another year, with an enlarged field of operations.

PUBLICATIONS.

There have been published during the fiscal year the following reports, bulletins, pamphlets, circulars, and map:

- Twelfth and Thirteenth Annual Reports of Bureau of Animal Industry, 1895-96.
- Report of the Chief of the Bureau of Animal Industry for 1896. (Reprint.)
- Bulletin No. 12: Tapeworms of Poultry.
- Bulletin No. 13: Tuberculosis Investigations; The Growth of the Tuberculosis Bacillus upon Acid Media, and other Investigations.
- Bulletin No. 14: Dairying in California.
- Bulletin No. 15: The Cheese Industry of the State of New York.
- Bulletin No. 16: The Dairy Industry in Nebraska, South Dakota, and North Dakota.
- Bulletin No. 17: Dairy Schools.
- Bulletin No. 18: The Dairy Industry in Missouri and Kansas.
- Circular No. 15: Check List of the Animal Parasites of Pigeons.
- Circular No. 16: Correspondence defining "Filled Cheese."
- Circular No. 17: Exports of Animals and their Products.
- Circular No. 18: List of Officials and Associations connected with the Dairy Interests in the United States and Canada for 1897.
- Circular No. 19: Factory Cheese and How it is Made.
- Circular No. 20: Preventive Vaccination against Black Leg.
- Facts about Milk. (Farmers' Bulletin No. 42.)
- Sewage Disposal on the Farm and the Protection of Drinking Water. (Farmers' Bulletin No. 43.)
- Standard Varieties of Chickens. (Farmers' Bulletin No. 51.)
- The Dairy Herd: Its Formation and Management. (Farmers' Bulletin No. 55.)
- Butter Making on the Farm. (Farmers' Bulletin No. 57.)
- Operations of the Bureau of Animal Industry. (Senate No. 45, Fifty-fourth Congress, second session.)
- Map showing the boundary line of the district infected with splenetic or southern fever of cattle. (February, 1897.)

The following statement shows the amount of the disbursements made for the various branches of the work for the fiscal year:

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897. (a)

	Salaries.	Traveling.	Miscellaneous.	Total.
Miscellaneous expenses at Washington	\$687.38	\$573.18	\$2,123.96	\$3,384.52
Meat and microscopic inspection	463,185.83	2,306.12	32,730.32	498,222.27
Export cattle inspection	62,466.55	679.15	3,557.11	66,702.81
Scientific investigations	1,460.42	1,146.67	16,829.06	19,436.15
Dairy Division	1,175.88	1,156.19	2,323.20	4,655.27
Import cattle inspection	7,282.30	1,213.69	-----	8,495.99
Collecting information	1,603.43	806.94	.35	2,410.72
Southern cattle inspection	30,811.24	4,979.30	733.62	36,524.16
Total	568,673.03	12,861.24	58,297.62	639,831.89

a Including vouchers paid to October 1, 1897.

List of persons employed and paid from appropriation for the Department of Agriculture, salaries, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON.								
D. E. Salmon.....	Chief of Bureau.....	July 1, 1896			\$4,000			
G. M. Brumbaugh.....	Assistant chief.....	do			2,500			
Sylvester R. Burch.....	Chief clerk.....	Jan. 1, 1897			2,000			
A. D. Melvin.....	Chief, inspection division.....	July 1, 1896			2,500			
E. B. Jones.....	Assistant chief, inspection division.....	Aug. 16, 1895			1,800			
H. E. Alvord.....	Chief, dairy division.....	July 1, 1895			2,500			
R. A. Pearson.....	Assistant chief, dairy division.....	Sept. 1, 1895			1,800			
V. A. Moore.....	Chief, pathological division.....	May 15, 1895	Sept. 30, 1896		2,250			
V. A. Norgaard.....	do.....	Nov. 1, 1896			2,250			
Pierre A. Fish.....	Assistant, pathological division.....	Sept. 1, 1895	Sept. 16, 1896		1,300			
Thos. B. Reamy.....	do.....	July 1, 1893			840			
E. A. de Schweinitz.....	Chief, bio-chemic division.....	July 1, 1895			2,250			
Marion Dorset.....	Assistant in bio-chemic division.....	Aug. 1, 1894			1,300			
James A. Emery.....	do.....	Aug. 1, 1895			1,200			
W. S. Stamper.....	do.....	July 1, 1895			720			
A. M. Farrington.....	Chief, miscellaneous division.....	Aug. 16, 1895			2,000			
Ch. Wardell Stiles.....	Zoologist.....	July 1, 1896			2,000			
E. C. Schroeder.....	Veterinary inspector.....	July 1, 1894			1,800			
Chas. F. Dawson.....	do.....	July 1, 1895	Oct. 31, 1896		1,400			
Do.....	do.....	Nov. 1, 1896			1,800			
Albert Hassall.....	do.....	July 1, 1892			1,400			
W. E. Cotton.....	Assistant veterinary experiment station.....	Sept. 1, 1895			1,000			
Chas. M. Daugherty.....	Clerk.....	Dec. 16, 1896	Apr. 1, 1897		1,800			
H. H. Gerdes.....	do.....	Aug. 16, 1895	Mar. 31, 1897		1,600			
Do.....	do.....	Apr. 1, 1897			1,800			
Andrew J. Olin.....	do.....	July 1, 1896	May 31, 1897		1,400			
Do.....	do.....	Apr. 1, 1897			1,600			
Mary Sullivan.....	do.....	July 1, 1894	Mar. 31, 1897		1,200			
Do.....	do.....	Apr. 1, 1897			1,400			
F. N. Gregory.....	do.....	Apr. 19, 1894			1,200			
Mary T. Dent.....	do.....	Mar. 1, 1893	Apr. 1, 1897		1,200			
Joseph Abel.....	do.....	July 1, 1896			1,200			
M. H. Mahon.....	do.....	do			1,000			
Do.....	do.....	Apr. 1, 1897	Mar. 31, 1897		1,200			
Mary G. Marshall.....	do.....	Jan. 1, 1890			1,000			

List of persons employed and paid from appropriation for the Department of Agriculture, salaries, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON—cont'd.									
M. N. Barnard	Clerk	Feb. 27, 1888			\$1,000				
M. J. Turner	do	July 1, 1893	Aug. 31, 1896		1,000				
Chas. D. Geddes	do	Sept. 30, 1896			1,000				
Irving Frickey	do	Jan. 1, 1895			1,000				
I. C. I. Evans	do	do	Oct. 31, 1896		1,200				
Do	do	Nov. 1, 1896			840				
Mary E. Fagan	do	Nov. 1, 1895			720				
H. S. Mott	Fireman	Mar. 15, 1895			720				
George I. Hall	do	Jan. 1, 1896			720				
J. S. Lee	Messenger	July 1, 1896	Oct. 22, 1896		720				
Wm. P. Stedman	do	Aug. 1, 1894			720				
S. E. Gregory	do	Apr. 17, 1896			720				
A. H. Kite	do	Jan. 1, 1894	Nov. 1, 1896		720				
Lena Bradford	do	Apr. 1, 1895			660				
Wm. H. Moor	Skilled laborer	Oct. 23, 1896			720				
Edw. J. Maloy	Messenger	Nov. 1, 1896			720				
B. G. Wasdon	do	Nov. 4, 1897			1,000				
Jas. M. Pickens	Clerk	Jan. 6, 1897			1,000				
McP. Reynolds	do	Jan. 6, 1897			840				
Wm. A. Barr	do	Feb. 17, 1897			1,200				
W. S. D. Haines	do	Apr. 1, 1897	July 1, 1897		1,400				
Taylor Trice	Artist	July 1, 1896							
Geo. W. Brett	Laborer	Sept. 10, 1894			660				
Geo. W. Scheerer	do	July 1, 1896			600				
John Richards	do	July 2, 1895			500				
Jennie Jones	do	July 1, 1896			400				
Kate McCarty	do	Jan. 1, 1896			240				
Catharine Baltimore	do	Jan. 6, 1895			240				
Ellis Wilson	do	May 16, 1896			480				
Emily J. Wilde	do	Sept. 16, 1896	Nov. 30, 1896						
Jared M. Snyder	do	Apr. 30, 1897							
Louise Taylor	do	Mar. 15, 1897			a \$50.00				
Wm. C. Shimoneck	Special expert assistant	May 1, 1897			720				
Emily E. McDonell	Laborer	do							
	Artist	do			900				

a Per month

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Travel- ing.	Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
WASHINGTON.										
Capital Traction Co						Street-car tickets				\$10.00
Holyoke Envelope Co.						Envelopes, white				157.76
Z. D. Gilman						Camphor				1.30
Adams Express Co.						Expressage				146.47
United States Express Co.						do				101.36
Herman Baumgarten						Official badges				8.00
I. Clark Seamans						Typewriter and letter pa- per.				346.95
Western Union Telegraph Co.						Telegrams				101.68
J. Baumgarten & Sons						60 silver badges				66.00
Library Bureau (Boston)						5,000 index cards				8.79
E. P. Herring						Medical and surgical di- rectory.				7.25
Cleveland, Cincinnati, Chi- cago and St. Louis Rwy. Co.						Transportation, Melvin		\$8.25		
Baltimore & Ohio R. R. Co.						do		25.50		
Erie R. R. Co.						do		4.00		
Chesapeake and Ohio Rwy. Co.						do		14.00		
Louisville, New Albany and Chicago Rwy. Co.						do		5.00		
W. H. Lowdermilk & Co						Diseases of the Horse (50 copies).				20.00
Brentanos						Report Bureau of Animal Industry, 1891 (200 cop- ies).				16.00
The Chicago and Alton R. R. Co.						Transportation		7.50		
Kansas City and St. Joseph R. R. Co.						do		5.85		
Louisville, Evansville and St. Louis R. R. Co.						do		8.00		
The Geo. W. Knox Express Co.						Expressage				1.46
R. Carter Ballantyne						Cap files				2.90
The Springfield Envelope Co.						Envelopes, white				5.20
Chicago and Northwestern Rwy. Co.						Transportation		12.50		

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON—continued.									
Wash B. Williams.....						Window shades			\$2.52
The Lawyers' Cooperative Publishing Co.						General Digest, Vols. 1 and 2.			12.00
Geo. E. Howard.....	Special agent	Apr. 17, 1897	June 17, 1897	a \$150.00		Services, traveling and drawings.	\$300.00	\$103.78	449.20
The R. H. Smith Manufacturing Co.						Paragon numbering machine.			8.00
The White, Corbin & Co						Envelopes, manila			9.60
G. E. Stechert.....						Scientific books			1.60
J. H. Chesley.....						Hardware			1.95
Wyckoff, Seamans & Benedict.						Typewriter stand and repairing.			19.75
Postal-Telegraph Cable Co.						Telegrams.			33.84
G. T. Matthews.....						Repairing chair			1.00
L. E. Waterman.....						Fountain pen			3.50
The Maurice Joyce Engraving Co.						Autograph plate			.50
Jno. C. Parker.....						Stationery			50.68
The Phonographic Instrument Co.						Fountain pens.			7.00
W. B. Moses & Sons						Chairs and mirror			15.75
Hannibal H. Chandler & Co.						Farmers' Review			1.00
Louise Taylor.....	Special expert assistant.	Apr. 8, 1897	Apr. 30, 1897	a 60.00			32.00		
Wm. C. Shimonck.....	Messenger	Apr. 3, 1897	do		\$720		55.38		
W. W. Carson.....	Special agent.	Dec. 1, 1896	Mar. 1, 1897	a 100.00		Traveling expenses.	300.00		499.95
D. E. Salmon.....						do		116.21	
G. M. Brumbaugh.....						do		121.39	
A. D. Melvin.....						do		93.25	
W. E. Cotton.....						do		27.95	
Chas. B. Murray.....						Cincinnati Price Current.			5.00
Rural Publishing Co.						Rural New Yorker			1.00
Pennsylvania R. R. Co.						Transportation, Salmon		20.00	
Total							687.38	573.18	2,123.96
Dairy division.									
Henry E. Alvord.....	Chief dairy division					Traveling expenses.		605.40	
R. A. Pearson.....	Assistant chief					do		220.42	
J. H. Monrad.....	Special expert agent.	Jan. 11, 1897		a 100.00			567.74	72.10	71.23

Jno. Gould	do	Apr. 10, 1897	a 100.00	Photographs and negatives.	301.07	9.00
Geo. M. Whittaker	do	do	a 100.00	do	301.07	8.06
Wm. H. Healey	do	June 15, 1897	6.00	Drayage	6.00	1.22
Fredk. S. Weatherhead	do	do	do	Transportation, Alvord.	1.50	---
Auret N. Lyman	do	do	do	do	do	---
Geo. W. Knox Express Co.	do	do	do	do	do	---
Rio Grande Western Rwy. Co.	do	do	do	do	do	---
Pennsylvania R. R. Co.	do	do	do	do	do	---
Northern Pacific R. R. Co.	do	do	do	do	do	---
Chicago, Milwaukee and St. Paul Rwy. Co.	do	do	do	do	do	---
Library Bureau	do	do	do	Book supports.	do	.60
The Dairyman's Supply Co.	do	do	do	Butter color	do	6.06
Baker & Hamilton	do	do	do	do	do	5.00
H. E. Lovejoy	do	do	do	Photograph negatives.	do	20.00
The Public Printer	do	do	do	1,000 copies Statistics of the Dairy, 10,000 copies Bulletin 15, 10,000 Bulletin 17.	do	923.84
Freight	do	do	do	Freight	do	3.79
Butter color	do	do	do	Butter color	do	5.50
224 gallons milk	do	do	do	224 gallons milk	do	6.30
Photograph negatives	do	do	do	Photograph negatives	do	60.00
Preparation of Practical Butter Making.	do	do	do	Preparation of Practical Butter Making.	do	50.00
Cases and indexes.	do	do	do	Cases and indexes.	do	7.20
Keystone files	do	do	do	Keystone files	do	7.50
Repairing typewriter.	do	do	do	Repairing typewriter.	do	.50
1,000 tags	do	do	do	1,000 tags	do	4.50
Freight on butter.	do	do	do	Freight on butter.	do	126.30
12 stencils	do	do	do	12 stencils	do	6.15
Butter tubs and boxes	do	do	do	Butter tubs and boxes	do	10.75
Butter boxes	do	do	do	Butter boxes	do	7.80
Butter boxes and tubs	do	do	do	Butter boxes and tubs	do	5.54
405 pounds butter	do	do	do	405 pounds butter	do	89.10
312 pounds butter	do	do	do	312 pounds butter	do	87.36
243 pounds butter	do	do	do	243 pounds butter	do	65.30
Creamery butter	do	do	do	Creamery butter	do	304.29
Butter and freight	do	do	do	Butter and freight	do	76.46
Rubber cover for typewriter.	do	do	do	Rubber cover for typewriter.	do	1.00
Window shades	do	do	do	Window shades	do	6.30
1,007 pounds butter	do	do	do	1,007 pounds butter	do	133.42
1,490 1/2 pounds butter.	do	do	do	1,490 1/2 pounds butter.	do	209.51
1 chair	do	do	do	1 chair	do	3.60

a Per month.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON—continued.									
Dairy division—Continued.									
Southern Pacific Rwy. Co.						Transportation, Alvord		\$89.82	
Oregon Short Line and Utah Northern Rwy.						do		1.49	
Union Pacific Rwy. Co.						do		28.51	
Total							\$1,175.88	1,156.19	\$2,323.20
Scientific investigations.									
Victor A. Nørgaard.	Veterinary inspector	Feb. 1, 1893	Oct. 31, 1896		\$1,800		674.97	156.60	11.14
Cooper Curdick	Live-stock agent	Sept. 15, 1894	Nov. 30, 1896		1,600		665.20	369.36	
Junius Watson	Laborer	June 1, 1896	Dec. 5, 1896	\$2.00			63.50		
V. A. Moore.	Chief Pathological Division.					Traveling expenses, meat and eggs.		35.00	6.18
E. A. De Schweinitz.	Chief Bio-chemic Division					Traveling expenses, meat and vegetables.		182.08	42.35
Chas. F. Dawson	Veterinary inspector					Traveling expenses, meat and eggs.		40.89	4.25
Ch. Wardell Stiles.	Zoologist					Traveling expenses		171.44	
Geo. C. Faville	Inspector					do		43.25	
J. Harrison Johnson						Rent of laboratory			
Mrs. H. J. Ruppert.						Rent of experiment station.			
C. S. Kenfield						Repairing clock			3.00
W. H. Lowdermilk & Co.						Scientific books			26.38
David Pifferling						Live stock for experimental purposes.			1,029.00
E. C. Schroeder.						Horseshoeing and cabbage.			114.73
J. H. Chesley & Co.						Hardware			61.89
United States Electric Lighting Co.						Electric supply			17.38
Library Bureau (Boston)						Library cards			45.02
Z. D. Gilman.						Instruments and chemicals.			448.18
Thos. Somerville & Sons.						Repairing valve			1.00
Mackall Bros. & Flemer						Chemicals			89.12
Baker & Adamson.						Nitric acid			.95

Codman & Shurtleff	Forceps	2.18
W. A. Pate	10 barrels lime	9.85
The McDermot Carriage Co.	Buggy and harness	148.00
Danenhower & Co.	Feed, ryestraw, and baled hay	1,873.41
W. M. Galt & Co.	Feed, oats, bran, and rock salt	723.00
Bausch & Lomb Optical Co.	Incubator	53.78
Ernest Betz	Repairing oil cans	3.50
Jno. B. Daish	Coal	154.50
Elmer & Amend	X-ray tubes	297.22
G. E. Stechert	Scientific books	232.17
Lansburg & Bro.	Toweling	10.64
Kate F. Spencer	Hemming towels	2.50
The Chesapeake and Potomac Telephone Co.	Telephone service	148.76
Minnis & Martyn	Stovepipe	4.50
Rufus P. Clarke	Barbour's thread	1.03
Geo. W. Holland	Hose clamps and washers	2.00
The Public Printer	Bulletins and circulars	185.92
Melville Lindsay	.25 feet hose	18.00
San Antonio and Aransas Pass Rwy. Co.	Transportation, Norgaard	42.20
Geo. A. Sheehan	Lumber	489.89
Standard Oil Co.	Kerosene oil	9.45
F. P. May & Co.	Files	4.93
N. Murray	Medical Journal, vol. 1	4.00
Geo. S. Davis	Index Medicus, 16 numbers	16.00
M. E. Kahler	Brake on Rulmkořf coil	9.50
Alex. Schmid	5 dozen file jackets	12.48
Whitall, Tatum & Co.	Prescription bottles	21.20
Queen & Co., Incorporated	X-ray tubes	19.78
Royce & Marean	Electric appliances	6.11
H. K. Mulford & Co.	50 guinea pigs	5.00
American White Lead and Color Works	30 pounds putty	.45
Conrad Becker	Harness and saddle pad	23.25
E. Perronetto	10 bottles vaccine	1.82
Agnes Hale	Hemming towels	2.50
Leincko & Buechner	Scientific books	31.34
James B. Lambie	Hardware	3.35
Baltimore and Ohio R. R.	Transportation	46.80
Martin H. Carroll	1 pig for experiment	8.00
E. J. Pullman	Photographic plates and paper	7.02
Robt. H. Troy	Cotton-seed cake	3.25
Chas. Lentz & Sons	Sharpening microtome knives	10.50
D. A. Armstrong	1 copper fire extinguisher	12.50
F. W. McNeal	3,000 gummed labels	1.23
Pasteur Vaccine Co., Limited	2 syringes	8.00

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
SOUTHERN CATTLE INSPECTION.										
East St. Louis.										
A. W. Crawford	(Live-stock agent (Stock examiner	Apr. 1, 1894 Apr. 1, 1897	Mar. 31, 1897	-----	\$1,200	}	\$819.22	-----		
Jesse H. Odell	(Live-stock agent (Stock examiner	Feb. 15, 1895 Apr. 1, 1897	Mar. 31, 1897 May 31, 1897	-----	900		728.57	-----		
John F. Schierman	(Live-stock agent (Stock examiner	Jan. 1, 1894 Apr. 23, 1897	Apr. 22, 1897	-----	1,200		583.35	-----		
James Irwin	(Stock examiner (Tagger	do June 15, 1897	June 14, 1897	-----	900		162.64	-----		
James Ford	Tagger	Sept. 28, 1896	Nov. 15, 1896	-----	720	93.86	-----			
Sydney R. Ingham	Laborer	Sept. 11, 1896	Nov. 15, 1896	\$2.00	-----	130.00	-----			
Kansas City.										
Albert Dean	Live-stock agent	Jan. 1, 1894			1,800	1,800.00		\$213.86		
Chas. H. Blemer	Assistant inspector	Aug. 16, 1895			1,200	1,200.00		981.53		
Saml. J. Agnew	Live-stock agent	Dec. 1, 1895	Apr. 30, 1897		1,400	1,400.00				
Abram M. Adams	Assistant inspector	Feb. 12, 1897			1,200	459.47		3.30		
Jos. Brusor	Live-stock agent	Jan. 1, 1894			1,400	1,050.01				
Harry B. Adair	Assistant inspector	Oct. 1, 1896			1,200	436.63		216.93		
W. E. Hill	Live-stock agent	Jan. 1, 1894			1,400	1,400.00		224.55		
Jno. C. Jenkins	do	do	Feb. 15, 1897		1,200	753.30				
Peter I. Kershner	Assistant inspector	Feb. 3, 1897			1,200	479.97		208.11		
De N. Jewett	Live-stock agent	Jan. 1, 1894			1,200	899.98		61.10		
Wm. D. Jordan	do	do			1,200	1,200.00		535.71		
H. C. Keeling	do	Feb. 15, 1894	Nov. 15, 1896		1,200	450.01				
F. T. Shannon	Assistant inspector	July 15, 1895			1,200	403.30		187.83		
Alexander Lobb	Live-stock agent	Feb. 15, 1894			1,200	1,200.00		101.85		
Philip H. Moore	do	Jan. 1, 1894			1,200	450.01		186.95		
Jno. B. Mohler	Assistant inspector	Jan. 21, 1897			1,200	496.70		242.75		
Geo. C. Moser	Live-stock agent	Jan. 1, 1894			1,200	1,200.00		75.25		
Dan Cunningham	do	do			1,200	1,167.40		409.12		
J. O. McKee	do	Feb. 15, 1894	Jan. 15, 1897		1,200	450.01				
Wingate Jackson	Inspector	Sept. 1, 1893	July 6, 1896		1,400	22.83				
T. L. J. Shields	Live-stock agent	Feb. 15, 1894	Feb. 15, 1897		1,200	753.30				
James Wilson	do	do	Jan. 15, 1897		1,200	450.01		145.70		
Thos. P. Barbour	Stock examiner	May 1, 1895			900	900.00				
W. N. D. Bird	do	Mar. 15, 1895			900	900.00		220.20		

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
SOUTHERN CATTLE INSPECTION—continued.									
Miscellaneous—Continued.									
Nelson P. Hinkley						Repairing "Texascattle" stamps			\$1.50
James W. Davis						Horse and buggy hire			30.00
Total							\$30,811.24	\$4,979.30	733.62
EXPORT CATTLE INSPECTIONS.									
Portland, Me.									
F. W. Huntington.	Inspector	June 1, 1896			\$1,200				4.00
Fred. W. Sergeant	Laborer	Dec. 1, 1896			\$2.00				3.50
New York Stencil Works									
Boston, Mass.						Metal tags			
Daniel D. Lee	Inspector	Sept. 1, 1893			2,000				38.70
Geo. W. Pope	Assistant inspector	Nov. 11, 1895			1,200				
Thomas Coyle	Stock examiner	Jan. 1, 1894			1,000				
Jno. P. Freeman	Clerk	Nov. 6, 1893			1,000				
Frank N. Brown	Tagger	Jan. 8, 1896			720				
L. L. Ballard	do	Mar. 1, 1892			720				
Wm. J. Corbett	do	Feb. 1, 1896			720				
Pat. F. Murphy	do	Sept. 15, 1893			720				
John Shannon	do	Mar. 1, 1892			720				
Cyrus K. Small	do	Jan. 8, 1896			720				
Frank R. Fravel	do	Oct. 1, 1895			720				
Jos. F. Dean						Office rent			480.00
New England Telegraph and Telephone Co.						Telephone			136.95
Wm. E. Pratt Manufacturing Co.						Hog rings and ringers			14.32
Boston Gaslight Co.						Gas			8.20
Francis Doane & Co.						3 letter files			2.25
Boston and Albany R. R. Co.						Freight on tags			2.24
New York Stencil Works						Metal tags			36.00
Boston Gas Appliance Exchange.						Gas-burner			2.25

New York, N. Y.

W. H. Rose.....	Veterinary inspector	Sept. 1, 1893	2,000	2,000.00	180.35
Henry Brister.....	do	July 15, 1892	1,600	1,600.00	
R. R. Letts.....	do	Oct. 15, 1889	1,200	1,200.00	
Jos. P. McEhaney.....	Clerk	Sept. 1, 1893	1,200	1,200.00	
Jas. Flannery.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	
Chas. F. Cramer.....	Tagger	May 1, 1896	720	720.00	
Edw. L. Flannery.....	do	Feb. 1, 1896	720	720.00	
Georgé Messemmer.....	do	Sept. 15, 1893	720	720.00	
Chas. J. Munzing.....	do	Nov. 6, 1893	720	720.00	
Geo. E. Schumacher.....	do	Feb. 6, 1896	720	720.00	
Chas. Tuohy.....	Tagger	June 18, 1894	720	720.00	
Wm. Foley.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	
James Stukeman.....				Office rent	500.00
New York Telephone Co.				Telephone	230.15
Unz & Co.				Stationery	5.15
Wm. E. Pratt Manufacturing Co.				Hog rings	13.50
New York Stencil Works				Metal tags	35.00
Samuel Lakow.....				Repairing furniture	7.00
Frank J. Finley.....				2 directories	6.50
<i>Philadelphia, Pa.</i>					
Edw. H. Flood.....	Inspector	July 1, 1896	1,600	600.02	12.65
George Carter.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	
Michael J. Lenahan.....	Tagger	June 1, 1893	720	250.49	
Wm. H. Ervin.....	Laborer	Nov. 5, 1896		18.00	
Septimus Harris.....	do	June 30, 1897		14.00	
Wm. J. Hanghey.....	do	Aug. 22, 1896	2.00	112.00	
Daniel Mount.....	do	do	2.00	8.00	
Joseph Watson.....	do	June 18, 1896	2.00		
Chas. A. Schaulfer.....	do	do	2.00	22.00	
<i>Baltimore, Md.</i>					
H. A. Hedrick.....	Inspector	July 16, 1893	1,600	1,600.00	40.32
Isaac L. Ball.....	Clerk	Dec. 1, 1892	1,200	1,200.00	
Wm. Bennett.....	Tagger	Apr. 16, 1893	720	720.00	
Jos. E. Blondell.....	do	do	720	720.00	
Chas. Eisenrich.....	do	Mar. 15, 1894	720	720.00	
Carroll Ensor.....	do	Mar. 16, 1894	720	569.67	
Wm. J. Sullivan.....	do	Aug. 14, 1893	720	720.00	
Nichl. W. Tegges.....	do	Apr. 16, 1893	720	569.67	
John Kuper.....		Apr. 15, 1897		Office rent	125.00
The Chesapeake and Potomac Telephone Co.				Telephone	78.00
New York Stencil Works.....				Metal tags	26.25
Wm. E. Pratt Manufacturing Co.				Hog rings and ringers	13.77
Geo. F. Muth & Co.				Tin signs	.60
Baltimore and Ohio R. R. Co.				Freight on tags	1.98

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION—continued.									
Norfolk and Newport News, Va.									
Geo. C. Faville	Inspector	Dec. 15, 1893			\$1,400		\$1,400.00	\$34.35	\$8.75
Sol Miller	Stock examiner	May 1, 1894			1,000		1,000.00		
Jos. M. Turner	do	Mar. 10, 1896			720		564.20		
Walter E. Stoner	Tagger	Apr. 7, 1897					166.19	2.10	
Wm. E. Pratt Manufacturing Co.						Hog rings and ringers			1.89
Umstadter-Myers Co						Office furniture			21.80
J. A. Turner & Co.						Office rent			24.00
Pittsburg, Pa.									
Harry N. Waller	Assistant inspector	June 1, 1895			1,200		1,200.00		
Geo. Cromley	Laborer	June 1, 1896		\$2.00			48.00		
Walter J. Moran	do	do		2.00			41.00		
Wm. Miller	do	do		2.00			38.00		
Wm. E. Pratt Manufacturing Co.						Hog rings			4.50
Michigan Central R. R.						Freight			.41
Buffalo, N. Y.									
Nelson P. Hinkley	Inspector	Aug. 1, 1893			1,800		1,751.01		646
Bern. P. Wende	do	Sept. 11, 1893			1,400		1,392.29		
Louis A. Robinson	do	Apr. 16, 1894	Dec. 31, 1896		1,200		1,300.00		
Albert H. Hoyt	Clerk	Jan. 1, 1897			1,400		1,000.00		
Jno. L. Grobe	Stock examiner	May 1, 1893			1,000		151.60		
Albert W. Meyer	do	Dec. 2, 1895			900		151.60		
Henry L. Riegan	do	Feb. 15, 1896			900		151.60		
Frank J. Danahy	do	do			720		645.68		
John Mazurowski	Tagger	May 1, 1893			720		720.00		
Wm. J. Carroll	do	July 10, 1893			720		60.60		
Jas. F. Hughes	do	Apr. 16, 1894			720		720.00		
Frank J. Gilmore	do	Feb. 1, 1896			720		694.51		
Ransom Hinkson	do	do			720		541.80		
Ernest F. Slater, Jr.	do	Apr. 25, 1896			720		406.97		
	do	Dec. 7, 1896			720				

Wm. A. Rushworth	Assistant inspector	Dec. 15, 1896	Apr. 30, 1897	1,200	454.33	454.33	
Fredk G. Farr	Laborer	Feb. 23, 1897	2.00		46.00	46.00	
Jno. P. O'Leary	Assistant inspector	Feb. 1, 1896		1,200	201.10	23.96	300.00
Nelson P. Hinkley					Office rent		8.75
New York Stencil Works					Metal tags		13.78
Wm. E. Pratt Mfg. Co.					Hog rings and ringers		
<i>Chicago, Ill.</i>							
Frank T. McMahon	Inspector	Oct. 1, 1893	July 31, 1896	1,600	134.80	134.80	.95
O. J. Langan	do	Nov. 1, 1895	Jan. 16, 1897	1,400	464.20		
C. H. Zuk	Assistant inspector	June 1, 1896		1,200	697.80		
Wm. C. Honan	Live-stock agent	Jan. 1, 1894		1,200	502.18	49.21	
Benj. S. Paddock	do	Jan. 1, 1894		900	897.50	22.05	
Jas. V. De Vine	do	do		900	892.59		
Arda Watson	do	do		900	900.00		
Jno. F. Kelly	Stock examiner	June 30, 1895		900	895.14		
Michl. J. Quirk	do	Jan. 16, 1895		900	1,000.00		
Max Wolf	Clerk	Feb. 1, 1896		1,000	60.60		
Harry H. Cofoid	Tagger	Nov. 18, 1895		720	60.60		
W. F. Fish	do	Jan. 8, 1896		720	720.00		
Park H. Griffin	do	July 17, 1893		720	720.00		
Jeremiah Holland	do	June 12, 1894		720	720.00		
John Jones	do	Nov. 6, 1893		720	420.60		
Michl. M. Murray	do	Dec. 15, 1893		720	720.00		
Richard Walsh	do	June 1, 1894		720	180.00		
Union Stock Yards and Transit Co.					Office rent		
Frank Kapple & Co.					200 feet rope		2.00
Wm. E. Pratt Manufacturing Co.					Hog rings and ringers		138.15
New York Stencil Works					Metal tags		400.75
W. S. Devroe					Brooms and kerosene oil		2.10
The Mearle & Heamey Manufacturing Co.					Letter-copy press		7.40
<i>Miscellaneous.</i>							
W. H. Wray	Veterinary inspector	Feb. 1, 1894			4,562.50	74.88	101.55
J. F. Ryder	do	Oct. 1, 1892	12.50	2,000	435.00		
Asa N. McQueen	do	Feb. 8, 1892	5.00		2,000.00	37.60	1.00
New York Stencil Works					210.00		278.25
J. H. Chesley & Co.					Metal tags		7.20
Baltimore and Ohio R. R.					Wire cutters		2.41
					Freight on tags		
Total					62,406.55	679.15	3,557.11

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	Miscel- laneous.
MEAT INSPECTION.									
Portland, Me.									
Fred. W. Huntington	Inspector	June 1, 1896			\$1,200	Interstate meat-inspec- tion stamps.	\$498.90		\$2.30
Chas. O. Brockway									
Somerville, Mass.									
Daniel D. Lee	Inspector	Nov. 20, 1893			1,200	Office expenses	1,200.00		9.60
Wm. M. Balmer	do	Dec. 1, 1894			900		897.50		
Wm. P. Cherrington	Stock examiner	Feb. 1, 1896			900		897.58		
Phillip J. Fanning	do	Jan. 1, 1894			900		872.81		
Thos. Mulligan, jr.	do	Sept. 28, 1891			720		720.00		
Frank H. Burleigh	Tagger	Feb. 1, 1896			720		707.94		
Henry W. Busteed	do	Dec. 7, 1891			720		654.68		
Geo. H. Oliver	do	Jan. 8, 1896			720		481.30		
Cyrus K. Small	do	Dec. 21, 1891			720		720.00		
Wm. H. Tozier	do	Nov. 18, 1895			720		710.00		
Geo. D. Warner	Inspector (assistant)	Sept. 16, 1895			1,200		300.00	\$14.00	
Edw. P. Dowd	do	Apr. 14, 1897			1,200		257.14		
Jno. G. Slee	do	Oct. 1, 1895			720		61.40	20.00	
Frank R. Fravel	Tagger	Apr. 23, 1894			600		564.12		
Kate A. Abbott	Assistant microscopist	Nov. 24, 1896			600		353.59		
Eva M. Chickering	do	June 1, 1894			600		552.27		
Gerta Colby	do	Nov. 24, 1896			600		353.63		
G. H. Ellison	do	Jan. 5, 1893			600		536.17		
Carrie I. Ellsworth	do	Feb. 1, 1894			600		532.98		
Emma H. Ellsworth	do	July 16, 1893			600		549.28		
Anna Erickson	do	Jan. 16, 1893			600		75.00		
Alice M. Frye	do	Dec. 12, 1892	Aug. 31, 1896		600		554.28		
Abbie F. Gage	do	Nov. 24, 1896			600		179.84		
Nellie I. Garrity	do	do			600		236.58		
Violet A. Hall	do	Nov. 1, 1893			600		425.58		
Clara La Freniere	do	Sept. 28, 1891			600		552.84		
Mary F. Langdon	do	June 24, 1895			600		556.04		
Mabel F. Lowe	do	May 1, 1894			600		489.23		
Mary E. Macloskey	do	Dec. 1, 1894			600		572.30		
Nellie F. Marks	do	July 31, 1896			600		30.98		
Flora M. Parrish	do	Nov. 24, 1896			600		353.66		
Mabel M. Sedgwick	do	Dec. 26, 1892			600		567.60		
Cora L. Seeley	do				600				

Margaret V. Slater	do	Apr. 23, 1894	600	379.81		
Florence I. Turner	do	do	600	562.29		
Carlotta L. Ward	do	May 1, 1894	600	528.09		
Grace B. Wheeler	do	May 14, 1894	600	550.90		
Etta L. Williams	do	Nov. 1, 1891	600	560.70		
Chas. Bullard	do	Oct. 1, 1894	1,400	1,396.18		78.89
Bay State Clean Towel Finishing Co.	Microscopist					
The Denny Tag and Envelope Co.						
Dennison Manufacturing Co.						
Aaron R. Gay & Co.						35.00
Boston and Maine R. R. Co.						30.00
Chas. O. Brockway						5.96
<i>New York, N. Y.</i>						
R. W. Hickman	Inspector	Sept. 1, 1893	2,000	2,000.00		4.47
E. A. Parsons	do	Feb. 15, 1894	1,200	1,200.00		
Jas. H. Perster	Veterinary inspector	Apr. 15, 1891	1,400	1,400.00		
Louis P. Cook	Assistant inspector	May 1, 1896	1,200	1,200.00		
Wilbur J. Murphy	do	Dec. 1, 1895	1,200	1,200.00		
W. J. Reagan	do	Jan. 1, 1896	1,200	1,200.00		
Ernest L. Volgrenan	do	Dec. 2, 1895	1,200	1,114.29		
W. A. Willard	Clerk	Sept. 1, 1893	1,200	1,200.00		
Eph. Dietrich	do	May 1, 1896	900	900.00		
Theo. Kanter	Stock examiner	Nov. 11, 1895	900	900.00		
Henry Schaurer	do	Dec. 9, 1895	900	900.00		
Geo. A. Sheldon	do	Feb. 1, 1896	900	900.00		
J. F. Butterfass	Tagger	Mar. 2, 1896	720	720.00		
Wallace M. Gill	do	June 29, 1896	720	720.00		
Fred J. Goebel	do	Sept. 7, 1891	720	720.00		
Jno. J. Haggerty	do	Mar. 2, 1896	720	720.00		
Wm. N. Hutchinson	do	Nov. 24, 1895	720	434.30		
Jno. F. Luepke	do	May 23, 1895	720	720.00		
Saml. E. Lusk	do	Nov. 24, 1896	720	434.30		
Wm. H. Molineux	do	Jan. 8, 1896	720	646.62		
Henry Schopp	do	Sept. 15, 1893	720	710.27		
Stephen A. Selby	do	Dec. 2, 1895	720	718.00		
Howard W. Thomas	do	May 7, 1897	720	92.93		
Louis Abel	Assistant inspector	Oct. 1, 1896	1,200	89.01		
Alexandrina Dick	Janitress	May 29, 1896		120.00		
Jno. Broderick						168.00
New York Telephone Co.						243.25
Chas. O. Brockway						46.10
Dennison Manufacturing Co.						132.00
Chicago Car Seal and Manufacturing Co.						285.00
G. W. Gregory						24.00
Jno. Bingham						1.85

a Transfer.*b* Per month.

Office rent
 Telephone rental
 Interstate meat-inspection stamps
 Meat-inspection tags
 Car seals, wire, and lead
 Coal
 Ink and mucilage

Pearl Masten.....	do	Dec. 15, 1892	600	510.33	.....
Anna L. Moran.....	do	Aug. 1, 1892	600	508.63	.....
Nellie Nunan.....	do	July 10, 1893	600	242.61	21.25
Christina Podolska.....	do	Aug. 1, 1892	600	247.61	21.25
Wm. J. Carroll.....	Tagger	Apr. 16, 1894	720	479.40	.....
Chas. O. Brockway.....				57.56	.....
Dennison Manufacturing Co.....				61.20	.....
Francis McSherry.....				20.32	.....
Lester E. Willyoung.....				280.00	.....
Chicago Car Seal and Manu- facturing Co.....				71.25	.....
New York Stencil Works.....				5.25	.....
Fitchburg R. R. Co.....				.38	.....
<i>Jersey City, N. J.</i>					
Julius Hnelsen.....	Veterinary inspector	Mar. 10, 1888	1,400	1,400.00	47.79
Nathan K. Fegeley.....	Assistant inspector	June 8, 1896	1,200	1,183.52	.....
Immanuel Due.....	Clerk	Mar. 2, 1896	900	900.00	.....
Geo. B. Rose.....	Stock examiner	Jan. 1, 1894	1,600	1,000.00	.....
Geo. J. Hoerner.....	Tagger	May 1, 1895	720	720.00	.....
Jno. McCullough, jr.....	do	Jan. 8, 1896	720	684.00	.....
Jno. Purcell, jr.....	do	Sept. 1, 1893	720	720.00	.....
Thomas Shea.....	do	July 17, 1893	720	720.00	.....
Dennison Manufacturing Co.....				105.60	.....
Chicago Car Seal and Manu- facturing Co.....				148.20	.....
Old Colony Steamboat Co.....				.42	.....
Metropolitan Steamship Co.....				.25	.....
New York, Chicago and St. Louis and West Shore rail- ways.....				4.61	.....
New York, New Haven and Hartford R. R. Co.....				.39	.....
<i>Philadelphia, Pa.</i>					
Chas. A. Schafler.....	Inspector	Sept. 1, 1893	1,600	1,600.00	67.10
Edw. P. Dowd.....	Assistant inspector	Sept. 16, 1895	1,200	671.74	22.37
Jas. Johnston.....	do	Nov. 18, 1895	1,200	1,196.70	.....
Jno. McBirney.....	do	Oct. 1, 1895	1,200	228.29	.....
Burt. W. Andrews.....	Clerk	May 2, 1896	900	512.62	.....
Wm. H. Kearfott.....	Stock examiner	Jan. 27, 1897	900	281.25	.....
Wm. R. Reynolds.....	do	Nov. 9, 1896	900	877.77	.....
Jno. C. Callahan.....	Tagger	Dec. 2, 1895	720	684.53	.....
Lewis Dorn.....	do	June 16, 1893	720	720.00	.....
Frank E. Fravel.....	do	Oct. 1, 1895	720	575.70	.....
Alfred N. Pepperman.....	do	Jan. 23, 1896	720	714.18	.....
Thos. Reid.....	do	June 1, 1893	720	720.00	.....
Wm. A. Skinner.....	do	Nov. 18, 1895	720	256.31	.....

b Per month.

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Indianapolis, Ind.</i> —Cont'd.									
Denny Tag and Envelope Co.									\$17.50
P. M. Hildebrand									5.50
<i>Cincinnati, Ohio.</i>									
A. G. G. Richardson	Inspector	July 1, 1896			\$1,400		\$1,377.21		14.45
Frank Canon	Stock examiner	Apr. 1, 1894	Apr. 1, 1897		900		523.30		
A. L. Hirleman	do	Mar. 10, 1896			900		900.00		
Robt. A. Broadhurst	Tagger	Jan. 1, 1896			720		714.18		
Patrick E. Quinn	do	Nov. 11, 1895			720		704.51		
Dennison Manufacturing Co.									
Chicago Car Seal and Manufacturing Co.									
Cincinnati, Hamilton and Dayton Rwy. Co.									
Star Union Line									
Chas. O. Brockway									.41
<i>Louisville, Ky.</i>									
Albert J. Payne	Assistant inspector	June 1, 1895			1,200		697.83		1.15
Jno. E. Aldrich	Stock examiner	Mar. 10, 1896	Mar. 31, 1897		900		266.38	\$15.45	
Arthur H. Bibb	do	May 1, 1896			900		525.80	20.25	
Frank Canon	do	Apr. 1, 1894			900		225.00	7.30	
Chas. O. Brockway	do								11.70
Chicago Car Seal and Manufacturing Co.	do								14.25
Dennison Manufacturing Co.	do								
Nathan Bensinger	do								4.40
Louisville, New Albany and Chicago Rwy. Co.	do								23.50
Star Union Line	do								.23
East St. Louis, Mo.									.65
Jas. J. Brougham	Inspector	July 1, 1896			1,600		1,600.00		13.45

Elwin T. Davison	Assistant inspector	Sept. 7, 1895	1,200	978.25	---
Frank L. De Wolf	do	Sept. 16, 1895	1,200	1,177.12	---
Geo. Ditewig	do	Aug. 11, 1896	1,200	1,040.00	---
Edw. F. Dowd	do	Sept. 16, 1895	1,200	228.29	---
Joshua Miller	do	Sept. 8, 1896	1,200	133.71	---
Wm. Thompson	do	Dec. 10, 1895	1,200	1,111.29	---
Boyd Baldwin	do	Aug. 10, 1896	1,200	32.87	---
A. E. Bruton	do	June 21, 1897	900	900.00	---
C. W. Drott	Stock examiner	Feb. 15, 1895	900	808.55	---
Wm. T. Flynn	do	Oct. 1, 1895	900	897.57	---
Fred'k W. Herges	do	Jan. 1, 1894	900	818.38	---
David R. Hodges	do	Oct. 1, 1896	900	748.40	---
Geo. Sutherland	do	Sept. 1, 1896	900	900.00	---
Geo. H. Woolfolk	do	Nov. 12, 1894	900	880.46	---
Wm. S. Crawford	do	Mar. 2, 1896	900	885.36	---
E. S. Bennett	Clerk	Apr. 10, 1895	900	717.94	---
Clement Bevelot	Tagger	Feb. 15, 1895	720	720.00	---
Jos. G. Carr	do	Dec. 1, 1893	720	714.24	---
Wm. J. Doyle	do	Feb. 15, 1895	720	420.60	---
Jas. Ford	do	do	720	29.35	---
Robt. Gray	do	Sept. 28, 1896	720	717.94	---
Geo. Markert	do	June 24, 1895	720	698.24	---
Frank O'Neill	do	Jan. 2, 1894	720	720.00	---
Jos. A. Sancier	do	May 1, 1896	720	637.24	---
Jos. Sullivan	do	Feb. 15, 1895	720	720.00	---
St. Louis National Stock Yards.	do	do	720	351.00	---
Chicago Car Seal and Manufacturing Co.	do	---	---	---	1,425.00
Dennison Manufacturing Co	do	---	---	---	616.00
Chas. O. Brockway	do	---	---	---	92.00
Chicago and Alton R. R. Co.	do	---	---	---	3.37
Vandalia Line	do	---	---	---	30.97
New York Stencil Works	do	---	---	---	10.50
Wm. E. Pratt Manufacturing Co.	do	---	---	---	.37
Star Union Line.	do	---	---	---	12.08
<i>St. Louis, Mo.</i>					---
W. S. Cass	Inspector	Dec. 26, 1893	1,200	1,196.73	---
Chas. M. Day	Assistant inspector	Nov. 19, 1894	1,200	1,068.19	---
Alf. W. Swedberg	do	Dec. 10, 1895	1,200	1,180.31	---
Geo. H. Boughner	Live-stock agent	Apr. 15, 1895	1,200	810.32	---
Adalbert G. Bbb.	do	Nov. 16, 1896	900	887.50	---
Saml. Frazer	Stock examiner	Mar. 1, 1896	900	900.00	---
Wm. J. Doyle	do	Feb. 20, 1895	900	299.40	---
Jas. Ford	Tagger	Feb. 15, 1895	720	420.00	---
Matthew O'Keefe	do	Sept. 28, 1896	720	720.00	---
do	do	May 1, 1896	720	720.00	---

^a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
St. Louis, Mo.—Continued.									
Chicago Car Seal and Manufacturing Co.						Wire and lead car seals.			\$332.50
Dennison Manufacturing Co.						Meat inspection tags			154.00
Wm. E. Pratt Manufacturing Co.						Hog rings.			1.35
Chicago and Alton R. R. Co.						Freight on tags.			3.36
Vandalia Line.						Freight on seals.			6.08
Star Union Line						do.			7.80
New York Stencil Works						Metal tags			1.75
Hammond, Ind.									
Lewis R. Baker.	Veterinary inspector.	Aug. 17, 1893			\$1,400		\$1,400.00		1.40
Fredk. Braginton	Inspector	May 16, 1893			1,400		1,400.00		
J. J. Young	Stock examiner	Jan. 1, 1894			900		895.10		
P. J. Golden	do	Apr. 1, 1896			900		900.00		
J. J. Molloy	do	June 27, 1895			900		900.00		
Thos. Hansen	Tagger	May 16, 1893			720		715.98		
F. P. Herron	do	June 27, 1895			720		720.00		
Jacob Leismann	do	May 16, 1893			720		720.00		
Geo. Summers	do	do			720		720.00		
W. H. Timmons	do	do			720		714.03		
Chas. Vandervoort	do	do			720		720.00		
Henry Wagner	do	June 22, 1891			720		720.00		
Walter Walsh	do	May 16, 1893			720		720.00		
Dennison Manufacturing Co.						Meat inspection tags.			220.00
Chicago Car Seal and Manufacturing Co.						Wire and lead car seals.			475.00
Chas. O. Brockway						Interstate meat inspection stamps.			138.00
New York, Chicago and St. Louis R. R. Co.						Freight.			4.35
The Pennsylvania R. R. Co.						do.			17.65
Chicago, Ill.									
W. S. Devoe.	Inspector	June 1, 1893			2,500		2,500.00	\$73.25	71.10
W. W. Burt	Veterinary inspector	June 6, 1892			1,400		1,400.00		

Wm. A. Bruette	Inspector	July 1, 1896	1,400	1,312.14	5.35
Adolph M. Casper	do	Aug. 5, 1896	1,400	1,220.88	
Jos. B. Clancy	do	Aug. 15, 1893	1,400	1,400.00	
O. E. Dyson	do	May 1, 1894	1,400	1,000.00	
J. G. Fish	do	Jan. 16, 1895	1,400	1,400.00	
		Nov. 1, 1895	1,400	1,027.44	
O. J. Lanigan	do	Jan. 16, 1897	1,400	1,400.00	
E. L. Siggins	do	Sept. 1, 1893	1,200	1,296.68	
Benj. S. Paddock	Live-stock agent	Nov. 1, 1896	1,200	46.15	
Albert E. Behnke	Assistant inspector	Apr. 1, 1896	1,200	793.58	
Onesimus G. Atherton	do	Nov. 10, 1896	1,200	401.10	
Sam'l. E. Bennett	do	Jan. 15, 1896	1,200	600.00	
Sam'l. G. Burkholder	do	Jan. 1, 1897	1,200	630.27	
Lowell Clarke	do	Nov. 1, 1895	1,200	1,151.05	
James Fleming	do	Jan. 1, 1896	1,200	1,141.32	
Hiram W. Hawley	do	Nov. 1, 1895	1,200	590.03	
Ulysses G. Houck	do	Sept. 15, 1896	1,200	762.99	
Jno. A. Kiernan	do	Nov. 10, 1896	1,200	717.89	18.25
Harry G. Moore	do	Jan. 1, 1896	1,200	110.88	
Jno. McBirney	do	Oct. 1, 1895	1,200	753.69	
Frank B. McCall	do	Nov. 10, 1896	1,200	590.03	
Harry D. Paxson	do	Jan. 4, 1897	1,200	1,196.73	
Niels C. Sorensen	do	July 15, 1895	1,200	1,177.20	
Walter J. Stewart	do	June 15, 1896	1,200	537.49	87.82
Robt. H. Treacy	do	Oct. 12, 1896	1,200	1,100.90	
Arthur R. Wake	do	Nov. 18, 1895	1,200	441.13	
Morris Wooden	do	Sept. 16, 1895	1,200	436.90	
Chas. H. Zink	do	June 1, 1896	1,200	525.80	
J. J. O'Malley	Stock examiners	Nov. 1, 1895	900	1,000.00	
Chas. Batting	Clerk	Sept. 1, 1894	1,000	994.49	
B. A. Gallinger	do	Jan. 1, 1896	1,000	975.47	
E. B. Luce	do	Feb. 1, 1896	1,000	840.64	
Geo. V. McIntyre	do	do	1,000	1,000.00	
Chas. S. Pew	do	Dec. 15, 1893	1,000	447.23	
Leroy Scribner	do	Dec. 15, 1896	840	897.58	
Norman R. Adams	Stock examiner	Nov. 1, 1895	900	850.58	
W. J. Bennett	do	Jan. 1, 1894	900	900.00	
Geo. Best	do	do	900	800.00	
Edw. Brundige	do	Jan. 16, 1894	900	835.12	
H. D. Burdick	do	Jan. 8, 1894	900	837.57	
Thos. G. Clark	do	Jan. 1, 1894	900	900.00	
F. C. Cooley	do	Nov. 1, 1895	900	877.71	
Bryan I. Conway	do	Jan. 1, 1894	900	900.00	
Jas. J. Duffey	do	do	900	890.09	
David Frisch	do	do	900	887.70	
Jas. Gardner	do	June 27, 1895	900	900.00	
Henry Grady	do	do	900	900.00	31.45
Geo. Grafton	do	do	900	875.51	
Jas. Hale	do	Jan. 1, 1894	900	880.32	
Thos. F. Hanley	do	June 24, 1895	900	900.00	
Geo. T. Hanton	do	June 27, 1895	900	900.00	

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Wm. Harpst	Stock examiner	June 27, 1895	-----	-----	\$900	-----	\$900.00	-----	-----
Wm. P. Hickey	do	Feb. 15, 1894	-----	-----	900	-----	900	-----	-----
Dennis Hurley	do	Aug. 1, 1895	-----	-----	900	-----	815.70	-----	-----
Jos. F. Jordan	do	Jan. 1, 1894	-----	-----	900	-----	900.00	-----	-----
Rein'd Kochanowski	do	do	-----	-----	900	-----	151.60	-----	-----
Jacob K. Skinner	Clerk	June 1, 1897	-----	-----	900	-----	74.20	-----	-----
Otho D. Kortz	Stock examiner	June 27, 1895	-----	-----	900	-----	900.00	-----	-----
Geo. Lunham	do	Jan. 1, 1894	-----	-----	900	-----	900.00	-----	-----
Richard E. Lyman	do	Apr. 23, 1894	-----	-----	900	-----	300.78	-----	-----
Wm. Mabry	do	Nov. 1, 1895	-----	-----	900	-----	850.65	-----	-----
Jas. A. Murphy	do	Jan. 1, 1894	-----	-----	900	-----	897.57	-----	-----
Jno. Murphy	do	Feb. 15, 1894	-----	-----	500	-----	897.57	-----	-----
Bernard McKeon	do	do	-----	-----	900	-----	702.20	-----	-----
Terence O'Brien	do	do	-----	-----	900	-----	900.00	-----	-----
J. J. O'Malley	do	Nov. 1, 1895	-----	-----	900	-----	374.20	-----	-----
Thos. O'Shaughnessy	do	Feb. 15, 1894	-----	-----	900	-----	900.00	-----	-----
W. S. Pidcock	do	Aug. 1, 1895	-----	-----	900	-----	900.00	-----	-----
G. W. Pierce	do	Jan. 8, 1894	-----	-----	900	-----	900.00	-----	-----
Wm. Proudfoot	do	Feb. 1, 1896	-----	-----	900	-----	868.19	-----	-----
Chas. W. Rowse	do	Nov. 11, 1895	-----	-----	900	-----	900.00	-----	-----
Jno. J. Ryan	do	Jan. 1, 1894	-----	-----	900	-----	897.52	-----	-----
Jno. W. Sarsfield	do	do	-----	-----	900	-----	900.00	-----	-----
Frank Schroeder	do	June 27, 1895	-----	-----	900	-----	900.00	-----	-----
Fredk. L. Simpson	do	do	-----	-----	900	-----	895.03	-----	-----
Jno. B. Sine	do	Jan. 1, 1894	-----	-----	900	-----	870.62	-----	-----
Saml. T. Smith	do	Jan. 16, 1894	-----	-----	900	-----	900.00	-----	-----
Arthur Stuart	do	Feb. 1, 1896	-----	-----	900	-----	587.65	-----	-----
Jno. Trainer	do	June 27, 1895	-----	Sept. 15, 1896	900	-----	259.22	-----	-----
Chas. O. Turner	do	Feb. 7, 1894	-----	-----	900	-----	877.82	-----	-----
Wm. Umbach	do	Nov. 1, 1895	-----	-----	900	-----	900.00	-----	-----
Jno. Wallwork	do	May 1, 1895	-----	-----	900	-----	900.00	-----	-----
Fred. D. Waterman	do	Jan. 15, 1896	-----	-----	900	-----	887.50	-----	-----
H. B. Weller	do	Feb. 1, 1896	-----	-----	900	-----	900.00	-----	-----
H. D. Williams	do	June 27, 1895	-----	-----	900	-----	897.52	-----	-----
Geo. W. Wood	do	do	-----	-----	900	-----	882.90	-----	-----
Thos. J. Wade	do	July 1, 1896	-----	-----	900	-----	895.12	-----	-----
Theo. B. Zuendel	do	Nov. 1, 1895	-----	-----	900	-----	900.00	-----	-----
Wm. H. Baker	Tagger	May 1, 1896	-----	-----	720	-----	382.00	-----	-----

Wm. Cleveland	do	Jan. 1, 1892	720	576.06	
Harry H. Cofoid	do	Nov. 18, 1895	720	449.95	
Michl. J. Dinneen	do	Sept. 10, 1894	720	692.59	
Jno. Fitzgerald	do	June 27, 1895	720	600.96	
W. F. Fish	do	Jan. 8, 1895	720	105.80	
Jas. A. Flanagan	do	May 23, 1895	720	720.00	
Jas. Foley	do	July 17, 1893	720	717.94	
Wm. Fox	do	Feb. 1, 1894	720	720.00	
M. J. Freidline	do	June 8, 1895	720	694.53	
Thos. R. Fugitt	do	Feb. 1, 1896	720	720.00	
Jno. J. Garrity	do	Sept. 1, 1893	720	710.33	
Albert E. Harris	do	May 1, 1895	720	710.32	
Jas. Herriman	do	June 27, 1895	720	720.00	
De L. Howard	do	Sept. 15, 1893	720	718.10	
Herman Jacobus	do	June 27, 1895	720	121.20	
Hurlbert Jones	do	May 1, 1895	720	714.00	
Robt. G. Knipple	do	June 8, 1895	720	720.00	
Jno. C. Lorenzen	do	June 27, 1895	720	700.40	
Danl. Lynch	do	Aug. 15, 1895	720	720.00	
Jno. C. Massie	do	Oct. 20, 1895	720	502.88	
Michl. Metzger	do	Sept. 15, 1893	720	720.00	
Wm. McKay	do	June 27, 1895	720	121.20	
Michl. M. Murray	do	May 16, 1894	720	295.50	
M. L. McMahon	do	June 27, 1895	720	682.50	
Irving W. Pew	do	Jan. 8, 1895	720	708.32	
J. C. Porterfield	do	May 16, 1894	720	698.62	
Jas. M. Rainey	do	June 27, 1895	720	720.00	
Ernest E. Rue	do	June 8, 1895	720	710.27	
Wm. Ryan	do	July 17, 1893	720	710.22	
Theo. Sauer	do	Aug. 15, 1891	720	720.00	
Caspar J. Schmitt	do	May 1, 1895	720	720.00	
I. Shortridge	do	Dec. 2, 1895	720	510.87	
J. E. Troughton	do	Dec. 1, 1892	720	708.03	
F. N. Trudelle	do	Aug. 16, 1894	720	720.00	
Thos. A. White	do	June 24, 1895	720	714.18	
Geo. A. Yohe	do	June 8, 1896	720	80.17	
Wm. Hutton	do	Aug. 11, 1896		308.00	
Wm. Gabriel	do	July 3, 1896		62.00	
Hiram Grable	do	Sept. 1, 1896		514.00	
Frank A. Paddock	do	Dec. 1, 1896		342.00	
L. Enos Day	do	Dec. 1, 1896		253.85	
Assistant inspector	do	July 31, 1896	1,200	1,783.20	
Microscopist	do	June 1, 1895	1,600	1,600	
E. Balzer	do	Aug. 1, 1896	1,600		
Nannie D. Althof	do	Feb. 1, 1894	600	563.80	
Flora A. Ayers	do	Nov. 25, 1894	600	555.52	
Ida Barnister	do	Aug. 4, 1895	600	508.38	
Katie Barrow	do	Nov. 1, 1892	600	517.90	
Mary K. Barry	do	May 1, 1895	600	508.28	
Ardie E. Benneson	do	Apr. 24, 1894	600	482.61	
Kate H. Brady	do	Dec. 1, 1892	600	508.41	
Martha E. Brandt	do	Dec. 7, 1893	600	340.76	

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Travel- ing.	Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Vetoria E. Boyd.....	Assistant microscopist.	Feb. 17, 1897			\$600		\$215.00		
Catherine C. Burke.....	do	Sept. 1, 1893			600		330.01	\$38.35	
Laura D. Burke.....	do	June 22, 1891			600		462.17		
Mary L. Burke.....	do	Sept. 1, 1893	aApr. 10, 1897		600		391.33	25.85	
Nellie Callaghan.....	do	do			600		570.14		
May E. Carlisle.....	do	do			600		523.16	38.35	
Tillie Cella.....	do	Nov. 28, 1892			600		590.01		
Anna F. Clarke.....	do	Sept. 1, 1893	aMay 3, 1897		600		419.19	38.35	
Mary A. Clinton.....	do	July 10, 1893	aFeb. 17, 1897		600		255.93	26.34	
Mae Gody.....	do	Feb. 1, 1894	Apr. 7, 1897		600		426.94		
Mrs. M. J. Connell.....	do	Sept. 1, 1893			600		544.65	38.35	
Nora Conway.....	do	Oct. 10, 1892			600		588.30		
May H. Crosby.....	do	Sept. 1, 1893			600		537.86	38.35	
Lillie M. Crowell.....	do	Feb. 1, 1894			600		593.36		
Nellie E. Damon.....	do	Feb. 5, 1894			600		598.40		
Barbara Dorso.....	do	Dec. 26, 1894			600		527.96		
Ella B. Earle.....	do	Mar. 25, 1895			600		575.44		
K. Augusta Eaton.....	do	Apr. 23, 1894			600		550.97		
Elizabeth K. Eckert.....	do	Mar. 10, 1895			600		570.62		
Margaret Enright.....	do	Sept. 11, 1893			600		540.66		
Abbie M. Farwell.....	do	Feb. 15, 1895			600		547.73		
Lyde Finlon.....	do	Jan. 1, 1894			600		507.50		
Ada K. Gannon.....	do	Feb. 15, 1894			600		473.68		
Elizabeth C. Gibson.....	do	July 24, 1896			600		473.77		
Nellie M. Goodridge.....	do	May 16, 1895			600		519.87		
Mary Gorman.....	do	Aug. 25, 1891			600		533.60	24.65	
Julia Hall.....	do	Feb. 17, 1897			600		221.70		
Bertha G. Hardie.....	do	Aug. 16, 1894			600		504.78		
Nellie F. Haughton.....	do	July 10, 1891			600		423.72		
Tessie C. Havay.....	do	June 20, 1891			600		522.85		
L. E. Hennessey.....	do	Apr. 1, 1894			600		575.47		
Dora V. N. Hosmer.....	do	Feb. 1, 1894			600		529.75		
May E. Hotchkiss.....	do	Mar. 1, 1895			600		423.82		
Abbie W. Hunter.....	do	Feb. 1, 1894			600		550.80		
Effie M. Hunter.....	do	Nov. 24, 1896			600		338.51		
Mary Hurley.....	do	Dec. 1, 1893			600		593.36		
Mary E. Kean.....	do	Sept. 1, 1893			600		586.89		
Mary F. Lannon.....	do	Sept. 11, 1893	aFeb. 17, 1897		600		256.06	26.34	

Mary F. Leahy	do	Sept. 1, 1893	600	580.21
Rosa Le Fond	do	do	600	192.25
Maude I. Lynch	do	Jan. 1, 1893	600	200.54
Eva B. Markoe	do	Nov. 19, 1894	600	433.19
Ida B. Martin	do	Nov. 15, 1893	600	387.77
Ellen S. Mayhew	Microscopist.	July 1, 1896	900	800.53
Fannie F. Mills	Assistant microscopist.	Apr. 23, 1894	600	547.87
Katie A. Murphy	do	Aug. 15, 1892	600	524.10
Mamie F. Murray	do	Sept. 1, 1893	600	590.18
Lizzie G. McGlasson	do	May 1, 1892	600	570.62
Christenah MacNeill	do	Nov. 8, 1894	600	527.79
Mary McShane	do	Feb. 16, 1895	600	549.47
Annie Nicolai	do	Sept. 16, 1891	600	595.10
Margaret M. Norton	do	Dec. 10, 1896	600	301.34
Nellie Nunan	do	July 10, 1893	600	272.68
Bessie D. Ogden	do	Mar. 15, 1894	600	517.47
Jessie G. Ogden	do	Aug. 6, 1894	600	555.79
Eliza B. Perry	do	Feb. 1, 1894	600	382.64
Christina Podolska	do	Aug. 1, 1892	600	254.31
Anna M. Quinn	do	Oct. 1, 1894	600	590.22
A. H. Richards	do	Mar. 1, 1895	600	595.06
Sarah A. Riley	do	Feb. 1, 1894	600	494.71
Belle Ritter	do	Dec. 1, 1894	600	595.10
Lila Robinson	do	Feb. 1, 1894	600	532.70
Mabel Rockwell	do	Oct. 1, 1891	600	546.21
Blanche Roy	do	Dec. 1, 1894	600	497.24
Blanche Rutledge	do	Jan. 1, 1893	600	593.52
Nellie A. Ryan	do	Oct. 10, 1892	600	491.31
Hattie Schultz	do	Sept. 15, 1891	600	23.08
Hannah Scanlan	do	Apr. 1, 1892	600	598.28
Mae H. Shaw	do	Dec. 7, 1896	600	324.29
Mary Sheehan	do	do	600	380.79
Jennie M. Shufeldt	do	Dec. 1, 1894	600	586.72
Mary Somers	do	Feb. 16, 1895	600	544.68
Dora A. Staples	do	Dec. 1, 1894	600	136.95
Tracy Schaeffer	do	Jan. 1, 1893	600	73.37
W. O. Sutherland	do	Feb. 1, 1894	600	578.42
Stella Sweet	do	June 16, 1893	600	376.23
Maggie Taylor	do	Feb. 15, 1894	600	221.37
V. S. Taylor	do	Feb. 1, 1894	600	537.48
Hattie E. Thomas	do	do	600	567.31
Katherine Tully	do	Mar. 1, 1895	600	581.92
Evalina M. Shepard	do	Feb. 19, 1897	600	177.07
Mildred E. Walters	do	Nov. 24, 1896	600	361.91
Katherine Welland	do	Dec. 17, 1894	600	575.60
Carrie Wells	do	Dec. 18, 1893	600	547.37
Clara Werther	do	Sept. 1, 1891	600	586.82
Laura S. Wright	do	Aug. 1, 1894	600	598.41
Emma M. Wyatt	do	Aug. 1, 1892	600	127.22
Emma Shanley	Box cleaner	May 29, 1896	600	355.13
Selena Hosken	do	do	600	359.00

a Transfer.

b Per month.

b \$30.00
b 30.00

[illegible]

a Transfer.

b Per month.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
<i>Milwaukee, Wis.—Continued.</i>									
Sam'l. E. Bennett	Assistant inspector	Jan. 15, 1896	aJune 5, 1897		\$1,200	Interstate meat - inspection stamps.	\$498.90		\$138.00
Chas. O. Brockway						Freight			3.67
						do			.98
Star Union Line						do			.48
Chicago, Milwaukee and St. Paul Rwy. Co.						Duplicate and meat - inspection tags.			95.75
Chicago and Northwestern Rwy. Co.						Meat hooks			3.50
Denny Tag and Envelope Co.						Hire horse and buggy			293.55
J. F. Gaffney						Car seals, wire and lead			95.00
Chicago Car Seal and Manufacturing Co.									
<i>South St. Paul.</i>									
Albert E. Behnke	Assistant inspector	Apr. 1, 1896	aJune 1, 1897		1,200		1,101.10	\$19.10	.70
Archd. McBride	do	June 8, 1896			1,200		1,200.00		
Thos. M. Libby	Stock examiner	Oct. 1, 1895			900		900.00		
Alfred Day	Tagger	Dec. 10, 1895	aJune 1, 1897		720		605.23	12.20	
Jno. Jacobson	do	Feb. 15, 1895			720		605.23		
Dennison Manufacturing Co.						Meat-inspection tags			19.80
Chicago Car Seal and Manufacturing Co.						Wire and lead car seals			51.30
Chicago Great Western Rwy. Co.						Freight on tags			.75
Star Union Line						Freight			1.52
Chicago, Milwaukee and St. Paul Rwy.						do			.52
<i>Clinton, Iowa.</i>									
Ira K. Atherton	Assistant inspector	Feb. 15, 1895	aDec. 12, 1896		1,200		547.84		

<i>Davenport, Iowa.</i>	Inspector	July 1, 1896	αMay 24, 1897	1,400		1,278.33	94.19	4.20
Toole A. Geddes	Stock examiner	June 27, 1895		900		640.78	7.97	
John Trauer	Tagger	Aug. 18, 1896	Apr. 30, 1897	720		444.13		
Claude A. Rodman	Stock examiner	Jan. 1, 1894		900		190.36	5.37	
Geo. C. Burke	Assistant inspector	Nov. 19, 1894		1,200		125.27	13.66	
Chas. M. Day	Dennison Manufacturing Co							11.00
Davenport Furniture and								16.50
Carpent Co.								23.75
Chicago Car Seal and Manu-								
facturing Co. .....								.98
Chicago, Rock Island and								
Pacific Rwy.								
<i>Marshalltown, Iowa.</i>								
Ira K. Atherton	Assistant inspector	Feb. 15, 1895		1,200		629.10	2.00	5.00
Geo. H. Bucklin	Tagger	June 24, 1895		720			12.11	
Chicago and Northwestern							4.52	
Rwy. Co.								
New York Stencil Works								1.75
<i>Cedar Rapids, Iowa.</i>								
Trajan A. Shipley	Inspector	July 1, 1896		1,400		1,400.00		2.25
Wm. F. Pflaeving	Stock examiner	Aug. 1, 1894		900		895.08		
Geo. H. Bucklin	Tagger	June 24, 1895		720		720.00		
F. A. Dammann	do	June 10, 1895		720		710.12		
Chas. O. Brockway								92.00
Dennison Manufacturing Co.								22.00
Chicago and Northwestern								1.37
Rwy. Co.								
Star Union Line								4.07
<i>Ottumwa, Iowa.</i>								
Toole A. Geddes	Inspector	July 1, 1896	αAug. 11, 1896	1,400		114.13		
Joshua Miller	Assistant inspector	Dec. 10, 1895		1,200		1,066.28	8.40	16.45
Geo. C. Burke	Stock examiner	Jan. 1, 1894	αApr. 15, 1897	900		709.62		
Abraham Mader	do	do		900		900.00		
Chas. O. Brockway								92.00
Chicago, Burlington and .....								.90
Quincy R. R.								

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Sioux City, Iowa.									
Arthur B. Morse	Inspector	May 19, 1895	aApr. 15, 1897		\$1,400				\$20.25
W. B. Griggs	Stock examiner	Mar. 1, 1895			900		\$1,399.99	\$120.18	
Donald McDonald	do	Feb. 1, 1896			900		900.00		
Wm. B. Treadway	do	Dec. 15, 1897			900		897.57		
Jno. McBriney	Assistant inspector	Oct. 1, 1895	aJune 16, 1897		1,200		262.64	21.80	6.85
Wm. Thompson	do	Nov. 19, 1894			1,200		52.75	17.91	2.80
C. J. Chamberlain	Tagger	Mar. 1, 1894			720		720.00		
David A. Winnie		Apr. 17, 1893			720	Lumber	720.00		2.09
J. B. Lamb						Carpenter work			4.00
United States Express Co.						Expressage			2.65
Chicago Car Seal and Manufacturing Co.						Car seals, wire and lead			8.55
Chas. O. Brockway						Interstate meat-inspection stamps.			48.30
The Iowa Telephone Co						Telephone rental			4.00
Nebraska City, Nebr.									
W. H. Gibbs	Inspector	Sept. 1, 1893			1,200		1,200.00	12.85	1.90
Geo. M. Thomas	Stock examiner	July 1, 1896			900		699.29		
Geo. P. Colon	Laborer	do	Nov. 4, 1896	\$2.00			46.00		
R. C. Greeble	do	Nov. 5, 1896	May 31, 1897	2.00			154.00		
Alfred Day	Tagger	Dec. 10, 1895			720		53.41	5.50	
Chas. O. Brockway						Interstate meat-inspection stamps.			5.06
Lincoln, Nebr.									
Wilfred D. Robbins	Inspector	Jan. 4, 1894			1,200		1,193.47		5.85
Jno. P. Higgins	Tagger	Mar. 1, 1895			720		430.35		6.25
State Journal Co.						Letterpress			1.84
Chas. O. Brockway						Interstate meat-inspection stamps.			
Chicago Car Seal and Manufacturing Co.						Wire and lead car seals			4.75
St. Joseph, Mo.									
Jno. Forbes	Inspector	Sept. 16, 1894			1,400		1,400.00		124.25

Jas. Wilson.....	Assistant inspector	Dec. 1, 1894		1, 200	1, 196.70		
Frank A. Ewing.....	Stock examiner	May 1, 1894		900	892.57		
Emory K. Hess.....	Tagger	Dec. 10, 1895		720	700.25		
Jas. P. Ray.....	do	Nov. 12, 1894		720	700.03		
Jas. S. Kelly.....	Assistant inspector	Apr. 1, 1897		1, 200	900.00		150.00
St. Joseph Stock Yards and Terminal Co.							
Chicago Car Seal and Manufacturing Co.							88.35
Dennison Manufacturing Co							30.80
Chas. O. Brockway.....							18.40
Hannibal and St. Joseph R. R. Co.							1.55
Vandalia Line.....							2.40
Chicago, Burlington and Quincy R. R.							.86
South Omaha, Nebr.							
Don C. Ayer.....	Inspector	{ Aug. 10, 1893 Nov. 1, 1893	Oct. 31, 1896	1, 400 1, 000	1, 533.10	3.50	77.89
J. E. Blackwell.....	do	Aug. 1, 1893		1, 400	1, 400.00		
A. T. Everett.....	do	Nov. 6, 1893		1, 200	1, 200.00		
E. W. Schirmer.....	do	Aug. 1, 1893		1, 400	1, 400.00		
Sam'l E. Cosford.....	Assistant inspector	Dec. 10, 1895		1, 200	1, 176.80		
Benj. S. Paddock.....	Stock examiner	{ June 24, 1895 June 15, 1895	{ aNov. 10, 1896 Jan. 15, 1897	900 1, 000	325.39		
Chas. Connoyer.....	Clerk	Jan. 16, 1897			943.33		
David Rush.....	do	May 22, 1893		900	825.93		
Henry Beal.....	Stock examiner	Oct. 1, 1894	May 31, 1897	900	410.88		
D. J. Campbell.....	do	do	Dec. 15, 1896	900	900.00		
J. W. Davis.....	do	Jan. 1, 1894		900	821.20		
Geo. H. Gny.....	do	do		900	897.50		
Wm. Holmes.....	do	do	Dec. 15, 1896	900	410.88		
W. K. Jacobs.....	do	June 27, 1895		900	865.00		
Frank Jelen.....	do	Apr. 1, 1895		900	897.50		
Geo. Karl.....	do	June 17, 1895		900	900.00		
Thos. J. Lowry.....	do	Mar. 25, 1895		900	892.62		
Jay Merrill.....	do	Jan. 1, 1894		900	897.57		
Frank G. Patrick.....	do	do		900	900.00		
Jacob I. Payne.....	do	do		900	895.02		
Geo. Seay.....	do	Mar. 25, 1895	Dec. 15, 1896	900	410.88		
Jacob Burkard.....	Tagger	May 16, 1893		720	718.10		
Jos. Butler.....	do	Feb. 16, 1895		720	684.60		
Fatk. Butler.....	do	May 16, 1893		720	684.40		
Dee N. Chase.....	do	June 27, 1895		720	716.16		
Anton Kostal.....	do	May 16, 1893		720	720.00		
Jas. Kunes.....	do	do		720	652.54		
Thos. Leddy.....	do	Feb. 15, 1895		720	708.42		
R. M. Mahana.....	do	June 1, 1893		720	720.00		
Jas. D. Murphy.....	do	June 1, 1895		720	702.49		

a Transfer.

Wm. E. Pratt Manufacturing Co.	Inspector	July 1, 1896	do	July 1, 1896	Hog rings		4.50
M. Donovan	do	Nov. 15, 1893	do	Nov. 15, 1893	Lettering windows		4.00
Union Stock Yards Co., Limited.	Assistant Inspector	Oct. 1, 1890	do	Oct. 1, 1890	Constructing closet		3.00
Evans Laundry Co.	Inspector	Sept. 15, 1893	do	Sept. 15, 1893	Towel supply		22.25
New York Stencil Works	do	Nov. 20, 1893	do	Nov. 20, 1893	Metal "Condemned" tags		8.75
Burlington and Missouri	do	Sept. 18, 1891	do	Sept. 18, 1891	Freight on seals		17.48
River R. R.	do	Jan. 25, 1897	do	Jan. 25, 1897	Freight on tags		30.08
Star Union Line	do	Aug. 11, 1896	do	Aug. 11, 1896	Hire, horse and buggy		15.00
Jas. W. Davis	do	Feb. 15, 1896	do	Feb. 15, 1896	Freight on seals		21.22
Chicago, Burlington and Quincy R. R.	do	Feb. 10, 1896	do	Feb. 10, 1896	Freight on tags		2.87
Baltimore and Ohio R. R.	do	Oct. 1, 1896	do	Oct. 1, 1896	Record books		13.50
F. B. Festner	do	do	do	do	Freight on tags and seals		12.77
Union Pacific Rwy. Co.	do	do	do	do	Transportation, Ayer	8.70	
Do	do	do	do	do	do		
<i>Kansas City, Kans. and Mo.</i>							
C. J. Sihler	Inspector	July 1, 1896	do	July 1, 1896		1,711.70	19.95
S. L. Brooking	do	Nov. 15, 1893	do	Nov. 15, 1893		1,400.00	13.10
Harry B. Adair	Assistant Inspector	Oct. 1, 1890	do	Oct. 1, 1890			
W. C. Barth	Inspector	Sept. 15, 1893	do	Sept. 15, 1893		942.88	
Thos. A. Bray	do	Nov. 20, 1893	do	Nov. 20, 1893		919.78	
C. H. Davies	do	Sept. 18, 1891	do	Sept. 18, 1891		1,400.00	
W. Ross Cooper	Assistant Inspector	Jan. 25, 1897	do	Jan. 25, 1897		513.37	
Leslie J. Allen	do	Aug. 11, 1896	do	Aug. 11, 1896		1,066.30	
Fred. W. Hopkins	do	Feb. 15, 1896	do	Feb. 15, 1896		1,200.00	
Benj. F. Kaupp	do	Feb. 10, 1896	do	Feb. 10, 1896		1,193.40	
Jno. C. Milnes	do	Oct. 1, 1896	do	Oct. 1, 1896		863.85	
Don W. Patton	do	do	do	do		883.68	
Albert J. Payne	do	June 1, 1895	do	June 1, 1895		1,337.71	
Edw. F. Schaffter	do	July 15, 1896	do	July 15, 1896		1,066.30	
Thos. J. Turner	do	June 1, 1896	do	June 1, 1896		407.61	
Jno. Conlon	Clerk	Sept. 1, 1893	do	Sept. 1, 1893		897.57	
C. H. Morse	do	Oct. 1, 1894	do	Oct. 1, 1894		753.21	
I. N. Vance	do	Feb. 1, 1896	do	Feb. 1, 1896		897.50	
Stock examiner	do	May 1, 1896	do	May 1, 1896		875.34	
E. W. Bell	do	do	do	do		895.02	
H. J. Blackwell	do	Jan. 1, 1894	do	Jan. 1, 1894		900.00	
Chas. A. Brown	do	June 1, 1895	do	June 1, 1895		892.63	
Wm. Burgess	do	May 1, 1896	do	May 1, 1896		897.57	
Geo. T. Cathel	do	Feb. 12, 1894	do	Feb. 12, 1894		900.00	
Jno. Colgan	do	May 1, 1896	do	May 1, 1896		900.00	
N. J. Connor	do	Jan. 16, 1895	do	Jan. 16, 1895		900.00	
J. D. Cooper	do	Nov. 15, 1894	do	Nov. 15, 1894		900.00	
Josiah D. Florin	do	May 16, 1895	do	May 16, 1895		900.00	
Geo. A. Franklin	do	June 17, 1895	do	June 17, 1895		838.62	
Harry D. Freeman	do	Oct. 1, 1895	do	Oct. 1, 1895		900.00	
W. E. Frye	do	Sept. 1, 1895	do	Sept. 1, 1895		87.50	

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Kansas City, Kans. and Mo.—Continued.									
Wm. Gano	Stock examiner	Feb. 1, 1894			\$900		\$897.57		
Washington Gobble	do	Feb. 15, 1894			900		900.00		
Porter J. Hand	do	Sept. 1, 1895	Feb. 25, 1897		900		443.64		
R. E. L. Jackson	do	Nov. 19, 1894			900		900.00		
J. A. Liggett	do	Sept. 1, 1895			900		885.16		
Geo. L. Cobb	do	May 1, 1896			900		882.79		
M. J. Madden	do	May 7, 1894			900		831.55		
Porter Morgan	do	May 1, 1894			900		895.63		
H. L. McDonald	do	May 16, 1895			900		865.69		
J. G. Reunie	do	May 3, 1894			900		900.00		
J. H. Richardson	do	May 1, 1896			900		900.00		
Sam'l. W. Smith	do	May 1, 1894			900		895.09		
A. E. Wagner	do	Nov. 19, 1894			900		897.52		
W. N. West	do	July 15, 1896			720		692.65		
Oliver W. Byrd	Tagger	Dec. 15, 1893			720		720.00		
Bern'd Cunningham	do	Apr. 1, 1894			720		720.00		
Jas. De Goler	do	Nov. 15, 1893			720		720.00		
Robt. Fleming	do	May 1, 1894			720		641.55		
H. B. Gooch	do	May 1, 1896			720		712.16		
Wm. J. Hardousteine	do	May 1, 1895			720		686.36		
A. J. Henley	do	Dec. 1, 1893			720		715.88		
David Hunt	do	May 1, 1896			720		714.11		
Wm. J. Maddock	do	Dec. 21, 1891			720		720.00		
G. T. Mann	do	May 1, 1896			720		720.00		
Clayton E. Moss	do	do			720		714.00		
Harry A. Niles	do	Jan. 22, 1894			720		714.14		
Dan T. S. Platt	do	Nov. 15, 1893	Dec. 31, 1896		720		390.00		
Geo. F. Provost	do	May 1, 1896			720		720.00		
Morey Sappington	do	Feb. 1, 1894			720		720.00		
J. W. Shannon	do	Apr. 1, 1894	Nov. 30, 1896		720		269.40		
A. M. Thistlethwaite	do	Dec. 15, 1893			720		674.00		
Sampson Wright	do	Feb. 8, 1897	Feb. 13, 1897	\$2.00			6.00		
Olas Flora	Laborer	May 29, 1896	May 18, 1897	\$35.00			364.48		
Caddy Hodges	Janitress	Apr. 1, 1897			1,200		296.70		
Geo. A. Johnson	Assistant inspector	Jan. 15, 1896			1,200		61.54	\$21.85	
Sam'l. E. Bennett	do	Apr. 1, 1897			1,200		300.00		
R. P. Seddon	do	Apr. 15, 1897			1,200		253.85		
Wm. A. Heck	do								

Microscopist.	July 1, 1893	Aug. 4, 1896	1, 400	1, 377.14		
S. Stewart.....	Sept. 1, 1893		600	19.57		
Ida Bannister.....	June 20, 1892		600	466.04		
Amelia Barthels.....	Sept. 1, 1893		600	319.80	7.80	
Mary Bunce.....	do		600	19.57		
Catherine C. Burke.....	Sept. 1, 1893		600	113.55	30.05	
Mary L. Burke.....	do		600	19.57		
May E. Carlisle.....	do		600	73.70	6.10	
Anna F. Clarke.....	do		600	19.57		
M. J. Connell.....	do		600	19.57		
May H. Crosby.....	do		600	366.03	8.15	
Bertha L. Diller.....	do		600	469.25		
Sallie A. Evans.....	do		600	195.87		
Midge Frechette.....	do		600	456.00		
Sallie R. Griffin.....	do		600	446.20		
Mary Henry.....	do		600	373.07	8.15	
Sallie Hughes.....	do		600	401.31	8.15	
Herman J. Kelley.....	do		600	235.03		
Rosa Le Fond.....	do		600	487.15		
Tessie Linderman.....	do		600	439.58		
Kate Martana.....	do		600	79.89		
Ida B. Martin.....	do		600	361.31	8.15	
Mary McCarthy.....	do		600	322.28		
Margaret Mertell.....	do		600	454.30		
Maria P. Mullay.....	do		600	117.39		
M. Alice Orden.....	do		600	447.82		
Nora Osborne.....	do		600	23.33		
Tracy Schaeffer.....	do		600	136.96		
Vevie V. Shaw.....	do		600	70.11		
Stella Sweet.....	do		600	443.02		
Emma I. Torrence.....	do		600	449.65		
Jennie Tunstall.....	do		600	388.57		
Marion Williams.....	do		600	207.51		
M. L. Wisdom.....	do		600	439.52		
F. B. Woodson.....	do		600	535.39		
Emma M. Wyatt.....	do		600	48.55	6.25	
Claude McFarland.....	do					\$1,526.00
Dennison Manufacturing Co.....	do					966.00
Chas. O. Brockway.....	do					3,135.00
Chicago Car Seal and Manufacturing Co.....	do					9.00
Wm. E. Pratt Manufacturing Co.....	do					62.93
Vandalia Lime.....	do					2.40
Baltimore and Ohio R. R.....	do					57.52
Star Union Line.....	do					15.76
Chicago and Alton R. R.....	do					25.08
St. Louis, Keokuk and Northwestern Rwy.....	do					2.00
H. C. Leipsner.....	do					60.20
A. O. Stoeltzing.....	do					

a Per month.

b Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
Kansas City, Kans. and Mo.—Continued.									
New York Stencil Works									\$8.75
R. S. McCurdy									38.88
G. W. Tourtellot									540.00
James Sullivan									33.50
A. Klein									8.25
Holzmark Furniture Co.									4.50
F. P. Burnap									7.50
Denny Tag and Envelope Co.									7.00
Chicago, Burlington and Quincy R. R. Co.									
A. Holzmark								\$12.50	
San Francisco, Cal.									
Geo. S. Baker	Veterinary inspector	Sept. 1, 1893	Oct. 31, 1896		\$1,400				5.45
Robt. A. Archibald	Assistant inspector	Nov. 1, 1896			1,600		\$1,533.10	213.80	50.60
E. N. Hutchinson	do	Aug. 15, 1896	Aug. 14, 1896		1,200		146.75		
Laumer West	Clerk	June 1, 1896	a May 20, 1897		900		914.77		
Calvin A. Barnett	Stock examiner	Mar. 2, 1896	Dec. 11, 1896		900		900.00		
Jno. J. Borden	do	do			900		374.14		
Jno. Brown	do	do	a June 15, 1897		900		897.50		
Ambrose McSweeney	do	Feb. 15, 1896			900		808.54		
Dani. McSweeney	do	Nov. 18, 1895			900		897.50		
Jno. F. Nelson	do	Feb. 15, 1896			900		813.49		
Jas. A. Riley	Tagger	Nov. 18, 1895	Nov. 9, 1896		720		887.79		
Jno. Riley	Stock examiner	Nov. 10, 1896			900		835.37		
Frank Brown	Tagger	Dec. 2, 1895	Dec. 31, 1896		720		545.00		
Thos. F. Brown	do	Jan. 1, 1897			900		399.08		
Jos. Donovan	do	Oct. 12, 1896			720		300.53		
Howard D. Ebey	do	Nov. 10, 1896			720		430.08		
Jno. E. Munn	do	Feb. 15, 1896	a June 15, 1897		720		618.73		
Harry S. Newlove	do	Dec. 2, 1895	Dec. 31, 1896		900		807.50		
Edw. E. Stephens	Tagger	Jan. 1, 1897			720		332.00		
Jno. H. Webster	do	Dec. 9, 1896			720		403.04		
Jno. H. Widman	do	Mar. 2, 1896			720		720.00		
	do	do			720		648.83		

Le Count Bros.				Supplies for office.		12.80
B. P. Oliver.				Office rent		200.00
Pacific Telegraph and Telephone Co.				Telephone service.		100.00
Chicago Car Seal and Manufacturing Co.				Car seals, wire and lead		700.00
Dennison Manufacturing Co.				Meat-inspection tags.		332.00
Chas. O. Brockway				Interstate meat-inspection stamps.		23.00
Union Pacific Rwy. Co., Omaha Bridge.				Freight on seals and tags.		80.40
Chicago and Northwestern Rwy.				do		20.33
Star Union Line.				do		13.72
Chicago, Milwaukee and St. Paul Rwy.				do		7.42
Wm. R. Morton.				Drayage		2.57
Southern Pacific Rwy. Co.				Freight		57.54
<i>Los Angeles, Cal.</i>						
Orlando B. Hess	Inspector	July 1, 1896	1,400		1,400.00	1.25
M. J. P. Nolte	Tagger	do	720		720.00	
Thos. N. Badger	do	Sept. 1, 1896	720		588.80	
Wm. R. Dennis	Stock examiner	Nov. 10, 1896	900		577.16	
Arthur J. O'Rourke	do	do	900		577.16	
Orlando B. Hess				Hire horse and buggy and expressage.		127.45
<i>Wichita, Kans.</i>						
W. C. Barth	Inspector	Sept. 15, 1893	1,200		253.85	3.20
Chas. O. Brockway				Interstate meat-inspection stamps.	5.75	2.30
Chas. J. Mackay				Soap and ink		1.15
<i>Portland, Oreg.</i>						
E. N. Hutchinson	Assistant inspector	Aug. 15, 1896	1,200		138.46	
John Brown	Stock examiner	Mar. 2, 1896	900		39.56	
Howard D. Ebey	Tagger	Feb. 15, 1896	720		31.65	
Geo. Baker & Co.				One office desk		7.50
<i>Miscellaneous.</i>						
I. Clark Seamans.				No. 6 typewriter, head		87.75
E. Morrison Paper Co.				Rubber bands and paper		73.01
H. F. Miller & Son.				Tin sample boxes and cans		92.25
G. G. Cornwell & Son.				Babbitt's soap.		7.68
A. Hoen & Co.				Bound certificates of inspection.		462.50
J. L. Gilbert & Bro.				Wooden pad boxes		11.25

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MEAT INSPECTION—cont'd.										
Miscellaneous—Continued.										
Pearre E. Crowl & Co						Heavy felt.....				\$1.80
Geo. W. Knox Express Co.						Drayage.....				2.82
R. Carter Ballantyne						Books and stationery.....				90.02
Lansburgh & Bro.						Harleton.....				.18
Jas. S. Topham						75 leather belts.....				15.62
Jno. C. Parker						Atlas, files, notebooks.....				50.79
C. S. Braisted						Pens and penholders and pencils.....				77.34
Mackall Bros. & Flemer						Chemicals for ink.....				96.75
Chadwick Copying Book Co.						Copying books.....				1.34
The Anchor Mills Paper Co.						Letter-copying books.....				152.13
Thomas Manufacturing Co.						Meat "Condemned" tags.....				64.00
J. C. Ergood & Co.						Ivory soap.....				7.84
Andrews & Smith						Ink wells and stands.....				7.20
M. P. Bush & Co.						Sand soap.....				3.50
W. B. Moses & Sons						Desks and chairs.....				23.50
Easton & Rupp						Erasers, scrapbooks.....				8.54
J. P. Nawrath						Twine.....				14.33
Fredk. Springman						Drayage.....				4.50
New York Stencil Works						Metal "Condemned" tags.....				15.75
Tingue, House & Co.						Books (letter impression).....				4.50
The White, Corbin & Co.						Manila envelopes.....				9.64
Baltimore and Ohio R. R.						Freight.....				1.68
Holyoke Envelope Co.						Envelopes, white.....				5.96
H. E. Overstreet						Drayage.....				.19
Wilmarth & Edmonston						Repairing filter.....				1.00
Adams Express Co.						Drayage.....				8.90
Capital Traction Co.						Street-car tickets.....				5.00
Carter, Rice & Co., Corporation.						White blotting paper.....				5.90
The J. F. W. Dorman Co.						Stamp pads.....				1.72
J. H. Chesley & Co.						Hardware.....				7.86
Chas. O. Brockway						Interstate meat-inspection stamps.....				270.46
The Manhattan Supply Co.						Compressor glasses.....				348.70
Alfred A. Smith & Co.						Repairing compressor frames.....				36.00
Rufus P. Clarke.....						Towels.....				20.70

